

Search Report from Ginger R. DeMille

? show files

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200336

(c) 2003 Thomson Derwent

File 344:Chinese Patents Abs Aug 1985-2003/Mar

(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)

(c) 2003 JPO & JAPIO

File 371:French Patents 1961-2002/BOPI 200209

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? ds

Set	Items	Description
S1	117	(BACKUP OR BACK()UP)(3W)(CELLS OR CONTAINERS OR CELLULES OR CHAMBERS OR COMPARTMENTS OR BOXES OR VAULTS OR STALLS OR ROOMLETS OR NOOKS OR NICHEs OR RECESSES OR ALCOVES) OR (HONEYCOMB? ? OR HONEY()COMB? ?)(3N)STORAGE?
S2	0	S1(6N)(INTERCONTROL? OR INTER()CONTROL? OR INTRA()CONTROL? OR INTRACONTROL? OR CODEPENDEN? OR CO()DEPENDEN? OR CO()OPERATIONAL OR COOPERATIONAL OR COOPERATIVE? OR INTRAOOPERABL? OR INTRA()OPERABL? OR INTEROPERAB? OR INTER()OPERAB?)
S3	2	S1 AND MANAG?
S4	1414	(BACK?()UP OR BACKUP)(5N)(MANAGER? OR CONTROL?R? OR MANAGEMENT OR HANDLER? OR AGENT OR AGENTS OR CRAWLER? ? OR ROBOT? ? OR WORKER? ?)
S5	2	S1 AND S4
S6	1	S5 NOT S3

? t3/3,k/all

3/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013889912 **Image available**

WPI Acc No: 2001-374125/200139

XRPX Acc No: N01-273747

Hierarchical network backup system for interconnected computer, has backup managers in backup cells , for controlling backup of data in backup devices of same and other backup cells

Patent Assignee: COMMVAULT SYSTEMS INC (COMM-N)

Inventor: CRESCENTI J; KAVURI S; OSHINSKY D A; PRAHLAD A

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200106367	A1	20010125	WO 2000US19324	A	20000717	200139 B
EP 1204922	A1	20020515	EP 2000947402	A	20000717	200239
			WO 2000US19324	A	20000717	

Priority Applications (No Type Date): US 99354058 A 19990715

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200106367	A1	E	34	G06F-011/14	
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 1204922	A1	E		G06F-011/14	Based on patent WO 200106367
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Hierarchical network backup system for interconnected computer, has backup managers in backup cells , for controlling backup of data in backup devices of same and other backup cells

Abstract (Basic):

... **Backup cells** (100,150) having backup devices (112,122,132,162,172,182) execute the backup of data in the network computing devices (110,120,130,160,170,180). **Managers** (114,164) coupled to backup devices (112,162) control the backup of data in relative **backup** devices. **Backup cells** are coupled mutually and the **managers** of one backup cell controls the backup devices of other **backup cells** .

... **Manager** is responsible for **managing** parameters of archival characteristics of network devices to initiate archival request for those network computing devices. The **manager** operates the backup activities of back up cell and **manages** the operation of other **backup cells** to define a hierarchical structure so that alternative control of another backup cell is used when the backup **manager** of another backup cell has failed. Hence system wide change to backup cell parameters is initiated through a single **manager** and propagated to other **backup cells** .

...

... **Backup cells** (100,150...

...Backup **manager** components (114,164

3/3,K/2 (Item 2 from file: 350)

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DIALOG(R)File 350:Derwent WPIX
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013227729 **Image available**
WPI Acc No: 2000-399603/200034
XRAM Acc No: C00-120626
XRPX Acc No: N00-299364

**Control system for remote handling equipment in a confined chamber has
radiation-proof control and feed boxes mounted on equipment**

Patent Assignee: COMMISSARIAT ENERGIE ATOMIQUE (COMS)

Inventor: BLAYRAC M; MARTIN M; POLYDOR G; SAULT A

Number of Countries: 021 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200028550	A1	20000518	WO 99FR2723	A	19991108	200034 B
FR 2785713	A1	20000512	FR 9814141	A	19981110	200034
EP 1129456	A1	20010905	EP 99954079	A	19991108	200151
			WO 99FR2723	A	19991108	
JP 2002529259	W	20020910	WO 99FR2723	A	19991108	200274
			JP 2000581653	A	19991108	

Priority Applications (No Type Date): FR 9814141 A 19981110

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200028550 A1 F 29 G21F-007/06

Designated States (National): JP US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

FR 2785713 A1 G21F-007/06

EP 1129456 A1 F G21F-007/06 Based on patent WO 200028550

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

JP 2002529259 W 22 B25J-021/00 Based on patent WO 200028550

Abstract (Basic):

... microprocessors, and a similar feed box (1) containing a power
source with or without a **back - up** . The two **boxes** are linked to a
management system (42) with data processing circuits, able to transmit
instructions to the control box and...

... **Management** system (42)

? t6/4/

6/4/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*
 AA- 1996-032287/199604|
 XR- <XRPX> N96-027248|
 TI- Computer data back-up configuring and transferring method - duplicates data structure made up of data blocks or pointers whose local back up count does not equal central back up counter value|
 PA- ATON SYSTEMES SA (ATON-N)|
 AU- <INVENTORS> EZVAN D|
 NC- 020|
 NP- 003|
 PN- FR 2720529 A1 19951201 FR 946627 A 19940531 199604 B|
 PN- WO 9720270 A1 19970605 WO 95FR1581 A 19951130 199728 N
 PN- AU 9643064 A 19970619 WO 95FR1581 A 19951130 199741 N
 <AN> AU 9643064 A 19951130|
 AN- <LOCAL> FR 946627 A 19940531; WO 95FR1581 A 19951130; WO 95FR1581 A 19951130; AU 9643064 A 19951130|
 AN- <PR> FR 946627 A 19940531; WO 95FR1581 A 19951130; AU 9643064 A 19951130|
 CT- 1.Jnl.Ref; EP 566966; US 5163148|
 FD- FR 2720529 A1 G06F-012/16
 FD- WO 9720270 A1 G06F-011/14
 <DS> (National): AU CA JP US
 <DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
 FD- AU 9643064 A G06F-011/14 Based on patent WO 9720270|
 LA- FR 2720529(16); WO 9720270(F<PG> 19)|
 DS- <NATIONAL> AU CA JP US|
 DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE|
 AB- <BASIC> FR 2720529 A
 The data image back up operates in a computer having data and **back up** stores, with separate **controllers** for each store. The image of data in main store is described by a data structure with a root node (12) and nodes containing either pointers to other nodes or blocks of data. These nodes are held in cells allocated in the random access memory, data store or **back up** store. The **cells** have a back up number assigned to them.
 The backup increments the back up counter, allocates a cell, recopies the root node into the cell and updates the pointer to the root node. Contents of a data block are recovered by traversing the data structure and contents modified by traversing the data structure, creating nodes that do not exist and duplicating nodes whose back up number is not equal to the back up counter. Duplicated nodes are sent to the back up store.
 ADVANTAGE - Ensures instant back up of the data image stored in a computer, increases data coherence.
 Dwg.3/5|
 DE- <TITLE TERMS> COMPUTER; DATA; BACK; UP; TRANSFER; METHOD; DUPLICATE; DATA; STRUCTURE; MADE; UP; DATA; BLOCK; POINT; LOCAL; BACK; UP; COUNT; EQUAL; CENTRAL; BACK; UP; COUNTER; VALUE|
 DC- T01|
 IC- <MAIN> G06F-011/14; G06F-012/16|
 IC- <ADDITIONAL> G06F-013/38|
 MC- <EPI> T01-H01C4|
 FS- EPI||
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File 2:INSPEC 1969-2003/Jun W1
 (c) 2003 Institution of Electrical Engineers
 File 35:Dissertation Abs Online 1861-2003/May
 (c) 2003 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2003/Jun W2
 (c) 2003 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Apr
 (c) 2003 The HW Wilson Co.
 File 233:Internet & Personal Comp. Abs. 1981-2003/May
 (c) 2003 Info. Today Inc.
 File 256:SoftBase:Reviews,Companies&Prods. 82-2003/May
 (c)2003 Info.Sources Inc
 File 474:New York Times Abs 1969-2003/Jun 10
 (c) 2003 The New York Times
 File 475:Wall Street Journal Abs 1973-2003/Jun 10
 (c) 2003 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group

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Set	Items	Description
S1	20	(BACKUP OR BACK()UP)(3W)(CELLS OR CONTAINERS OR CELLULES OR CHAMBERS OR COMPARTMENTS OR BOXES OR VAULTS OR STALLS OR ROOMLETS OR NOOKS OR NICHS OR RECESSES OR ALCOVES) OR (HONEYCOMB? ? OR HONEY()COMB? ?)(3N)STORAGE?
S2	0	S1(6N)(INTERCONTROL? OR INTER()CONTROL? OR INTRA()CONTROL? OR INTRACONTROL? OR CODEPENDEN? OR CO()DEPENDEN? OR CO()OPERATIONAL OR COOPERATIONAL OR COOPERATIVE? OR INTRAOPERABL? OR INTRA()OPERABL? OR INTEROPERAB? OR INTER()OPERAB?)
S3	2	S1 AND MANAG?
S4	1597	(BACK?()UP OR BACKUP)(5N)(MANAGER? OR CONTROL?R? OR MANAGEMENT OR HANDLER? OR AGENT OR AGENTS OR CRAWLER? ? OR ROBOT? ? OR WORKER? ?)
S5	0	S1 AND S4
S6	0	S5 NOT S3
S7	2	S3 OR S5
S8	2	RD (unique items)

? t8/7/all

8/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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7160807 INSPEC Abstract Number: B2002-02-6215-012

Title: Reliability considerations for data centers power architectures

Author(s): Roy, S.

Author Affiliation: Emerson Energy Syst.- North America, Canada

Conference Title: Twenty-Third International Telecommunications Energy Conference. INTELEC 2001 (IEE Conf. Publ. No.484) p.406-11

Publisher: IEE, London, UK

Publication Date: 2001 Country of Publication: UK xix+682 pp.

ISBN: 0 85296 744 6 Material Identity Number: XX-2000-02775

Conference Title: Twenty-Third International Telecommunications Energy Conference. INTELEC 2001

Conference Date: 14-18 Oct. 2001 Conference Location: Edinburgh, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: To meet the on-going challenges of uninterrupted service, the traditional voice-telecommunications have developed throughout the years a very reliable -48VDC power architecture. Having a standardized -48VDC power

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interface simplifies reliability considerations to a few engineering decisions like battery sizing, A&B DC bussing, AC **backup** scheme (generator, fuel **cells** , etc.). The explosion of the data communication industry and the strong dependency of the modern world economy have brought unforeseen reliability design issues: reliability design has now taken another twist as loss of service is translated into more vital loss of revenues than ever. Unfortunately, the established principles for DC powered equipment can no longer be applied as modern data centers are using a multitude of different equipment that can be powered by either AC or DC input voltages. The power architect is now faced with endless possibilities and combinations to achieved the desired reliability objective. AC power, DC power, battery location, dual line feed equipment, heat **management** , building & space constraints are all new elements which must now be taken into consideration. This paper reviews simple power architectures and reviews reliability, availability and cost differentials. (11 Refs)

Subfile: B

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8/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01058598 INSPEC Abstract Number: C77013863

Title: A powerful surge in storage capability (IBM 3850 mass storage system)

Journal: Data Processor vol.19, no.3 p.14-17

Publication Date: Aug. 1976 Country of Publication: USA

CODEN: DATPA5 ISSN: 0011-6890

Language: English Document Type: Journal Paper (JP)

Treatment: Economic aspects (E); General, Review (G); Practical (P)

Abstract: Discusses the advantages of introducing the IBM 3850 Mass Storage System (MSS) to the 'Northeast Utilities' power engineering concern. The MSS provides for vast amounts of information to be stored on data cartridges in **honeycomb storage** compartments. It is an economical answer to explosive EDP growth, particularly in data communications. (0 Refs)

Subfile: C

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File 348:EUROPEAN PATENTS 1978-2003/Jun W01

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030605,UT=20030529

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Set	Items	Description
S1	88	(BACKUP OR BACK()UP) (3W) (CELLS OR CONTAINERS OR CELLULES OR CHAMBERS OR COMPARTMENTS OR BOXES OR VAULTS OR STALLS OR ROOMLETS OR NOOKS OR NICHEs OR RECESSES OR ALCOVES) OR (HONEYCOMB? ? OR HONEY()COMB? ?) (3N)STORAGE?
S2	0	S1(6N) (INTERCONTROL? OR INTER()CONTROL? OR INTRA()CONTROL? OR INTRACONTROL? OR CODEPENDEN? OR CO()DEPENDEN? OR CO()OPERATIONAL OR COOPERATIONAL OR COOPERATIVE? OR INTRAOOPERABL? OR INTRA()OPERABL? OR INTEROPERAB? OR INTER()OPERAB?)
S3	11	S1 AND MANAG?
S4	1389	(BACK?()UP OR BACKUP) (5N) (MANAGER? OR CONTROLL?R? OR MANAGEMENT OR HANDLER? OR AGENT OR AGENTS OR CRAWLER? ? OR ROBOT? ? OR WORKER? ?)
S5	7	S1 AND S4
S6	1	S5 NOT S3
S7	12	S3 OR S5

? t7/5,k/all

7/5,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00959017

Hierarchical storage management from a mirrored file system on a storage network segmented by a bridge

Hierarchische Speicherverwaltung eines gespiegelten Dateiensystems in einem durch eine Brücke segmentierten Speichernetzwerk

Gestion de memoire hierarchique d'un systeme de fichiers miroirs dans un reseau segmente par un pont

PATENT ASSIGNEE:

Gadzoox Networks, Inc., (2452040), 6840 Via Del Oro, Suite 290, San Jose, Ca. 95119, (US), (applicant designated states: AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Chin, Howey Q., 1804 Schooldale Drive, San Jose, CA 95124, (US)
Chan, Kurt, 6595 Pueblo Court, Roseville, CA 95746, (US)

LEGAL REPRESENTATIVE:

Brax, Matti Juhani (85201), Berggren Oy Ab, P.O. Box 16, 00101 Helsinki, (FI)

PATENT (CC, No, Kind, Date): EP 869439 A1 981007 (Basic)

APPLICATION (CC, No, Date): EP 98660029 980401;

PRIORITY (CC, No, Date): US 825683 970401

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-011/14

ABSTRACT EP 869439 A1

A system for hierarchical data storage **management** and transparent data **backup** in a high speed, high volume Fibre Channel Arbitrated Loop environment comprising first (10) and second (26) Fibre Channel Arbitrated Loops, each coupling a Transaction Server (16) and backup HSM server (30) to high speed disk drives (12,14) and mirrored high speed disk drives (32,34) respectively. The two loops are coupled by a Bridge

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(28) compatible with the Fibre Channel Arbitrated Loop protocol which forwards write transactions directed to the mirrored disk drives (32,34) from the first loop (10) to the second (26) but keeps read transaction from the Transaction Server (16) to the high speed disk drives (12,14) on the first loop (10) isolated from backup and HSM transactions occurring on the second loop (26) between the backup HSM server (30), the mirrored disk drives (32,34) and backup storage devices (38,40) coupled to the backup HSM server (30).

ABSTRACT WORD COUNT: 151

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 000531 A1 Date application deemed withdrawn: 19991207
Application: 981007 A1 Published application (A1with Search Report ;A2without Search Report)
Examination: 981007 A1 Date of filing of request for examination: 980409
Examination: 981111 A1 Date of despatch of first examination report: 980924
Change: 990609 A1 Title of invention (English) (change)
Change: 990609 A1 Title of invention (French) (change)
Change: 990616 A1 Designated Contracting States (change)
Change: 990616 A1 Title of invention (English) (change)
Change: 990616 A1 Title of invention (French) (change)
Change: 990714 A1 Title of invention (English) (change)
Change: 990714 A1 Title of invention (French) (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9841	1707
SPEC A	(English)	9841	30022
Total word count - document A			31729
Total word count - document B			0
Total word count - documents A + B			31729

Hierarchical storage management from a mirrored file system on a storage network segmented by a bridge

...ABSTRACT A1

A system for hierarchical data storage **management** and transparent data **backup** in a high speed, high volume Fibre Channel Arbitrated Loop environment comprising first (10) and...

...SPECIFICATION as compared to other data, there is a need in such systems for hierarchical storage **management** functions such as data aging storage and automatic, nonintrusive backup.

One mirrored system of which...

...main storage devices to the backup storage devices are completed.

The requirement for hierarchical storage **management** creates a conflict in system performance and cost considerations. Hierarchical storage **management** functions are typically implemented with low performance, low cost devices whereas online transaction processing systems are implemented with high performance, high cost devices. The mixing of hierarchical storage **management** devices on the same FC-AL with high speed, high performance on-line transaction processing...

...This is because the high performance devices must wait for the low performance hierarchical storage **management** devices to complete their tasks before the high speed transaction processing devices can continue their...

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- ...of the Fibre Channel Arbitrated Loop at any particular time, so when a hierarchical storage **management** server has control of the FC-AL to carry out a write transaction to a...
- ...large data structures.
Therefore, a need has arisen for a way to implement hierarchical storage **management** functions in such high performance, online transaction processing systems without severely negatively impacting the performance...
- ...AL will be called the Secondary Loop or secondary FC-AL. It carries hierarchical storage **management** (hereafter HSM) traffic between an HSM backup server and a mirrored memory, typically also a...were not present, a write transaction to a backup storage device such as a mirrored **backup** disk drive **stalls** all further transactions with the fast storage devices in the Primary Loop until the transaction...hereafter referred to as the high speed loop) is coupled to a secondary heirarchical storage **management** Fibre Channel Arbitrated Loop 26 by a learning Bridge 28. The learning Bridge 28 may...described further below. As mentioned above, the Secondary Loop 26 couples the Bridge to a **backup** and heirarchical storage **management** server 30 (hereafter HSM server) and two banks 32 and 34 of mirrored storage hard...16. The HSM server 30 uses the Secondary Loop to carry out its heirarchical storage **management** duties without slowing down the Primary Loop by virtue of the presence of Bridge 28...
- ...be able to complete its transaction before the HSM server 30 can continue any storage **management** function involving use of the Secondary Loop 26. Typical HSM transactions will be to move...an application program at an upper layer or can be part of the control software **managing** an FC-AL interface circuit which couples the processing circuitry of the Transaction Server to...backup and HSM server 30 can be kept informed by the Transaction Server 16 by **management** and control messages across Bridge 28 so that the HSM server can double as a standby Transaction Server in case of failure of the Transaction Server 16. Such **management** and control messages includes messages indicating file system updates indicating the time and date each...
- ...CLAIMS to said mirrored memory via said bridge means and said secondary local area network;
a **backup** and heirarchical storage **management** processor coupled to said **backup** /archival storage device and said mirrored memory and said bridge means via said secondary local...
- ...a bus coupled to said backup/archival storage device;
a third local area network;
a **backup** and heirarchical storage **management** processor coupled to said third local area network, and coupled to said backup/archival storage...
- ...coupled by said primary local area network to said primary memory and coupled to said **backup** and heirarchical storage **management** processor via said third local area network, and programmed to carry out read and write...
- ...said mirrored memory by sending the same data written on said primary memory to said **backup** and heirarchical storage **management** processor via said third local area memory;
and wherein said **backup** and heirarchical storage **management** processor is programmed to receive data transmissions of said

mirrored write transactions and write said...

...secondary local area network, and further programmed to carry out read and write transactions of **backup** and hierarchical storage **management** functions between said mirrored memory and said backup/archival storage device using said secondary local...apparatus of claim 8 wherein said backup server computer is programmed to perform hierarchical storage **managements** operations by scanning the file structures of data stored on said one or more disk...

...Channel Arbitrated Loops at other times.

12. The apparatus of claim 11 further comprising storage **management** means coupled to said second Fibre Channel Arbitrated Loop for performing hierarchical storage **management** functions and data **backup** transactions with said second array of disk drives using only said second Fibre Channel Arbitrated...

...transactions with said second array of disk drives.

13. A method of performing hierarchical storage **management** and data **backup** functions on a Fibre Channel Arbitrated Loop network, comprising the steps of:
dividing said Fibre...

...coupled thereto a transaction processor and said second subnetwork having coupled thereto a hierarchical storage **management** and data **backup** processor;
using said transaction processor to perform write transactions to said first disk array, and...

...write transaction of the identical data to said second disk array;
using said hierarchical storage **management** and data **backup** processor to perform hierarchical storage **management** on data **backup** transactions, or both, with said second array of disk drives.

14. A method of reading...

7/5,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00863452

DEVICE AND METHOD FOR ESTIMATING REMAINING LIFE OF BATTERY

GERAT UND VERFAHREN ZUR SCHATZUNG DER RESTLICHEN LEBENSDAUER EINER BATTERIE
DISPOSITIF ET PROCEDE D'ESTIMATION DE LA DUREE DE VIE RESTANTE D'UNE
BATTERIE

PATENT ASSIGNEE:

OMRON CORPORATION, (284766), 10, Tsuchido-cho, Hanazono, Ukyo-ku,,
Kyoto-shi, Kyoto 616, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

YOSHIKAWA, Tetsuo, Omron Corporation, 10, Tsuchido-cho, Hanazono,
Ukyo-ku, Kyoto-shi, Kyoto 616, (JP)

FUJII, Hiroshi, Omron Corporation, 10, Tsuchido-cho, Hanazono, Ukyo-ku,
Kyoto-shi, Kyoto 616, (JP)

KISO, Shigemitsu, Omron Corporation, 10, Tsuchido-cho, Hanazono, Ukyo-ku,
Kyoto-shi, Kyoto 616, (JP)

LEGAL REPRESENTATIVE:

Kack, Jurgen et al (93671), Kahler Kack Mollekopf Vorderer Anger 239,
86899 Landsberg, (DE)

PATENT (CC, No, Kind, Date): EP 864876 A1 980916 (Basic)
WO 9720225 970605

Search Report from Ginger R. DeMille

APPLICATION (CC, No, Date): EP 95938598 951129; WO 95JP2424 951129
PRIORITY (CC, No, Date): EP 95938598 951129; WO 95JP2424 951129
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G01R-031/36; H01M-010/48;

ABSTRACT EP 864876 A1

An apparatus for determining life of a battery which supplies charged electricity to an electrical appliance is equipped with a storage part for storing relationship between standard total values of discharge voltage drop amounts since a start of discharge of the battery and standard life values, a discharge voltage drop amount totalizer part for totalizing the discharge voltage drop amounts since the start of discharge with the battery being discharged, and a life determination part for determining the life of the battery from a measured total value of totalized discharge voltage drop amounts and the standard total values of the storage means.

ABSTRACT WORD COUNT: 103

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 000510 A1 Date of drawing up and dispatch of
supplementary:search report 20000323
Change: 20000426 A1 International Patent Classification changed:
20000307
Change: 021002 A1 Legal representative(s) changed 20020814
Application: 970910 A1 International application (Art. 158(1))
Application: 980916 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 980916 A1 Date of filing of request for examination:
980626

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9838	1643
SPEC A	(English)	9838	9632
Total word count - document A			11275
Total word count - document B			0
Total word count - documents A + B			11275

...SPECIFICATION for converting an analog signal derived from the battery 13 into a digital signal, and **backup cells** for retaining converted data or the like, and performs the decision as to whether the...OFF state, so that the backup batteries can be prolonged in service life. Thus, appropriate **management** on the connection state, the continuing time and the like can be achieved.

7/5,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00310536

Device for saving and restoring register information.

Vorrichtung zur Sicherung und Ruckspeicherung einer Registerinformation.

Dispositif pour sauvegarder et remettre en memoire de l'information de registre.

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

Matoba, Tsukasa c/o Patent Division, Kabushiki Kaisha Toshiba 1-1

Search Report from Ginger R. DeMille

Shibaura 1-chome, Minato-ku Tokyo 105, (JP)
Aikawa, Takeshi c/o Patent Division, Kabushiki Kaisha Toshiba 1-1
Shibaura 1-chome, Minato-ku Tokyo 105, (JP)
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PATENT (CC, No, Kind, Date): EP 285310 A2 881005 (Basic)
EP 285310 A3 900816
EP 285310 B1 940518
APPLICATION (CC, No, Date): EP 88302516 880322;
PRIORITY (CC, No, Date): JP 8778506 870331
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06F-009/46;
CITED PATENTS (EP A): US 4410939 A; US 4410939 A; US 4410939 A; WO 8302016
A; WO 8302016 A; US 4181938 A

ABSTRACT EP 285310 A2

Each register of an internal register unit (12) of a microprocessor has a pair of register cells consisting of first and second cells (C1, C2) having the same register address. When one of these cells is selected, the other cell non-selected serves as a "back-up cell" for the selected cell. Each register of the register unit (12) has a flag bit (13a) for storing a selector flag (SB) representing which cell of the pair of cells of the register is currently selected, and a flag bit (13b) for storing a change flag (WB) representing whether register information of the register is rewritten after a selected cell is changed between the first and second cells (C1, C2) of the register. When the register information is stored in one of the pair of cells currently being selected of a certain register and is to be rewritten with another new information, the other cell of the register is selected to store the new information therein. The original register information is held in the first cell (C1), thereby eliminating necessity of saving the original register information to a main memory (14) at this stage. When the original register information is required again, the original register information can be rapidly restored, by only selecting the first cell again, in the corresponding register without executing save/restore processing between the register unit (12) and the main memory (14).

ABSTRACT WORD COUNT: 235

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 881005 A2 Published application (A1with Search Report
;A2without Search Report)
Examination: 881005 A2 Date of filing of request for examination:
880330
Search Report: 900816 A3 Separate publication of the European or
International search report
Examination: 921209 A2 Date of despatch of first examination report:
921027
Grant: 940518 B1 Granted patent
Oppn None: 950510 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	549
CLAIMS B	(German)	EPBBF1	534

Search Report from Ginger R. DeMille

CLAIMS B	(French)	EPBBF1	591
SPEC B	(English)	EPBBF1	6407
Total word count - document A			0
Total word count - document B			8081
Total word count - documents A + B			8081

...SPECIFICATION to the conventional register save/restore technique, each time saving/restoring is to be performed, **managements** for controlling each section must be **performed** to execute data accessing in the internal register and the main memory and data transfer therebetween. Therefore, as a time required for **managements** is increased, a time of a **stand -by** state for information processing is increased. Conventionally, in consideration of the above situation, an...

...improved. When one of the two cells is selected, the other cell serves as a **back - up** cell for the selected **cell** .
A register save/restore controller is connected to a register unit. When the first register...selected in registers R0 and back cell C2 is selected in R1, back cell C2 **and front cell** C1 serve as "**back - up cells**" in registers R0 and R1, respectively. In register R1, when a selected cell is switched...

...CLAIMS said memory means and having a plurality of registers (R0, R1, ..., Rn), a pair of **first and second cells** (C1, C2) which are selectively rendered active, flag holding means (13a, 13b) for holding first...

7/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00295171

Monitorable and compensatable feedback tool and control system for a press.
Überwachbares und kompressierbares Ruckkopplungswerkzeug und Regelsystem für eine Presse.

Système d'outil et de controle a reaction surveille et compensable pour une presse.

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PATENT (CC, No, Kind, Date): EP 304623 A2 890301 (Basic)
EP 304623 A3 900117
EP 304623 B1 930623

APPLICATION (CC, No, Date): EP 88111677 880720;

PRIORITY (CC, No, Date): US 90215 870827

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: B30B-015/22; B30B-015/00; B21D-051/38;

CITED PATENTS (EP A): DE 2324839 A; DE 2324839 A; US 4667496 A; DE 3530204 A; DE 2915966 A; DE 3502803 A; DE 2247201 A

ABSTRACT EP 304623 A2

A load control system and tool arrangements are disclosed for controlling the shutheight and back-up load on a mechanical press tool in response to a monitored or measured parameter indicative of press tool

Search Report from Ginger R. DeMille

force or part quality, which monitored parameter is communicated to a controller for determination of a control signal to control a means for regulating the press tool back-up load and shutheight without interrupting press operations. The control system is operable to control a single station or multi station press and can be installed on either an individual press tool or the bolster or slide.

ABSTRACT WORD COUNT: 101

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890301 A2 Published application (Alwith Search Report
;A2without Search Report)
Search Report: 900117 A3 Separate publication of the European or
International search report
Change: 900207 A2 International patent classification (change)
Change: 900207 A2 Obligatory supplementary classification
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Examination: 900523 A2 Date of filing of request for examination:
900329
Examination: 910925 A2 Date of despatch of first examination report:
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Grant: 930623 B1 Granted patent
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LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2007
CLAIMS B	(German)	EPBBF1	1236
CLAIMS B	(French)	EPBBF1	1427
SPEC B	(English)	EPBBF1	8691
Total word count - document A			0
Total word count - document B			13361
Total word count - documents A + B			13361

...SPECIFICATION multiple die station press by providing an independently controllable back-up force for each of **the die** stations. Separate load **cells** or pressure monitors are provided for each of the back-up cylinders, and the back...illustrated in Fig. 20, or devices for measuring the penetration of the tool can also **provide input** signals to a microprocessor or **controller**, which can be programmed to interpret the input signals as corresponding to an acceptable orTherefore, feedback control of the tool load **through the back - up** load provides continuous control of tool penetration, which correlates to product quality. Continuous control of...means 274 to control the fluid pressure to the fluid-backed tool, which controls the **back - up** force operable on tool 130 **to** maintain the desired finished part dimension.

Fig. 18 illustrates the use of an automatic part...

...CLAIMS therebetween and generating a sensed back-up load signal indicative of said tooling load, and **controller** means (296) connected to said **back - up** load means and said sensing means for receiving said sensed load signal and a reference...

...back-up load means (144) is fluid pressure actuated and comprises means connected to said **controller** means (296) for controlling the **back - up** fluid pressure in response to said controller means.

3. The press of Claim 1 characterized...

...144) and individual said sensing means (138) for each of said tool stations, and said **controller** means (296) independently controls the **back - up** load means at each said tool station in response to

reference signals and in response...

...the workpiece that correlate to the values of the respective parameters that are sensed, said **controller** means is responsive to said **back - up** load signals and independently controls the back-up load means at each said die station...the workpiece that correlate to the values of the respective parameters that are sensed, said **controller** means is responsive to said **back - up** load signals and independently controls the back-up load means at each said die station...

7/5,K/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00879863

**AUTOMATED MONITORING SYSTEM BETWEEN A HOST COMPUTER AND REMOTE DEVICES
SYSTEME DE SURVEILLANCE AUTOMATISE UTILISE ENTRE UN ORDINATEUR HOTE ET DES
DISPOSITIFS A DISTANCE**

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 2000223943 20000809

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11895

English Abstract

A site controller adapted to be used in an automated monitoring system for monitoring and controlling a plurality of remote devices via a host computer connected to a first communication network is provided. The site controller is configured for controlling communication with the host computer and a plurality of communication devices that define a second communication network associated with the plurality of remote devices. Briefly described, in one embodiment, the site controller comprises a transceiver configured to communicate with the plurality of communication devices via the second communication network; a network interface device configured to communicate with the host computer via the first communication network; and logic configured to: **manage** communication

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with each of the plurality of communication devices, via a first communication protocol, based on one or more communication paths for each of the plurality of communication devices, each communication path comprising one or more communication devices involved in the communication link between the transceiver and each of the plurality of communication devices; and **manage** communication with the host computer via a second communication protocol.

French Abstract

L'invention concerne un controleur concu pour etre utilise dans un systeme de surveillance automatise destine a la surveillance et au controle d'une pluralite de dispositifs a distance par l'intermediaire d'un ordinateur hote connecte a un premier reseau de communication. Le controleur est configure pour controler la communication avec l'ordinateur hote et une pluralite de dispositifs de communication definissant un second reseau de communication associe a la pluralite de dispositifs a distance. Dans un mode de realisation, le controleur comprend un emetteur-recepteur configure pour communiquer avec la pluralite de dispositifs de communication par l'intermediaire du second reseau de communication ; un dispositif d'interface de reseau configure pour communiquer avec l'ordinateur hote par l'intermediaire du premier reseau de communication ; et une logique configuree pour gerer la communication avec chacun des dispositif de communication, par l'intermediaire d'un premier protocole de communication, sur la base d'une ou de plusieurs voies de communication pour chacun des dispositifs de communication, chaque voie de communication comprenant un ou plusieurs dispositifs de communication associes a la liaison de communication entre l'emetteur-recepteur et chacun des dispositifs de communication ; et pour gerer la communication avec l'ordinateur hote par l'intermediaire d'un second protocole de communication.

Legal Status (Type, Date, Text)

Publication 20020214 A1 With international search report.

Examination 20021017 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description
Claims

English Abstract

...to communicate with the host computer via the first communication network; and logic configured to: **manage** communication with each of the plurality of communication devices, via a first communication protocol, based...

...the communication link between the transceiver and each of the plurality of communication devices; and **manage** communication with the host computer via a second communication protocol.

Detailed Description

... to a wide area network (WAN), and more particularly relates to systems and methods for **managing** communication between the host computer and the plurality of remote devices.

BACKGROUND OF THE INVENTION...

...to communicate with the host computer via the first communication network; and logic configured to.

manage communication with each of the plurality of communication

devices, via a first communication protocol, based plurality of communication devices; and **manage** communication with the host computer via a second communication protocol.

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The present invention may...

...determining one or more communication paths associated with each of the plurality of communication devices; **managing**

communication with each of the plurality of communication devices, via a first communication protocol, based...

...more of the communication paths associated with each of the plurality of communication devices; and **managing** communication with the host computer via a second communication protocol.

Thus, the site controller according...in the art will appreciate that additional site controllers 150 may function as either a **back - up site controller** in the event of a site controller failure or can function as a primary site...

...potential size of coverage area 165 of automated monitoring system 100. When implemented as a **back - up site controller** 150, the second site controller 150 may function when the applications server 110 detects...
...on the specific implementation of automated monitoring system 100. The number of wireless communication devices **managed** by a site controller 150 is limited only by technical constraints such as memory, storage space, etc. In addition, the site controller 150 may **manage** more addresses than devices as some wireless communication devices may have multiple functions such as...120. Thus, all communications between applications server 110 and the wireless communication network may be **managed** through the PC at the residence.

FIG. 2 sets forth one of many possible embodiments...

...across a local area network to a network server. The network server may contain a **backup site controller** (not shown) coupled to WAN 120 (FIG. 1). Alternatively, site controller 150 may include a...one of the following: AC power supply, AC power supply with rechargeable battery as a **back up solar cells**, battery, etc. The power supply provides appropriate DC voltage levels to microcontroller 230. The AC...

Claim

... configured to communicate with the host computer via the first communication network;
logic configured to:
manage communication with each of the plurality of communication devices, via a first communication protocol, based...
...the communication link between the transceiver and each of the plurality of communication devices; and
manage communication with the host computer via a second communication protocol. 20 2. The site controller...
...of communication devices.

8 The site controller of claim 1, 'wherein the logic configured to **manage** communication with each of the plurality of communication devices comprises one or more look-up...

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...determining one or more communication paths associated with each of the plurality of communication devices; **managing** communication with each, of the plurality of communication devices, via a first communication protocol, based...

...more of the communication paths associated with each of the plurality of communication devices; and **managing** communication with the host computer via a second communication protocol.

16 The method of claim...

...protocol comprises TCP/IP.

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. The method of claim 15, further comprising the step of **managing** communication with wherein the first communication protocol comprises a data packet, the data packet comprising...means for communicating with the host computer via the first communication network; a means for **managing** communication with each of the plurality of communication devices, via a first communication protocol, based...

...between the transceiver and each of the plurality of communication devices; and a means for **managing** communication with the host computer via a second communication protocol. 20 24. The site controller...

...end of a packet.

27 The site controller of claim 23, wherein the means for **managing** communication with each of the plurality of communication devices further comprises a means for determine...

7/5,K/6 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00772867 **Image available**

HIERARCHICAL BACKUP AND RETRIEVAL SYSTEM

SYSTEME DE SAUVEGARDE ET D'EXTRACTION HIERARCHIQUE

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Application: WO 2000US19324 20000717 (PCT/WO US0019324)

Priority Application: US 99354058 19990715

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Search Report from Ginger R. DeMille

Main International Patent Class: G06F-011/14

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6616

English Abstract

The invention is a hierarchical backup system. The interconnected network computing devices are put into groups of **backup cells**. A **backup cell** has a **manager software agent** responsible for maintaining and initiating a backup regime for the network computing devices in the backup cell. The backups are directed to backup devices within the **backup cell**. Several **backup cells** can be defined. A **manager software agent** for a particular cell may be placed into contact with the **manager software agent** of another cell, by which information about the cells may be passed back and forth. Additionally, one of the software agents may be given administrative control over another software agent with which it is in communication. Thus, the first software agent can direct or alter the parameters of the second software **agent** to define a new **backup** regimen for the backup cell controlled by the second software agent. Or, if the second software agent fails or cannot function properly, the first software **agent** can direct the **backup** of the second cell. The software agents need not operate on separate computing devices. Additionally, a backup hierarchy may be achieved using the communication and control techniques of the software agents.

French Abstract

L'invention concerne un systeme de sauvegarde hierarchique. Les dispositifs informatiques d'un reseau interconnecte sont regroupes en cellules de sauvegarde. Une cellule de sauvegarde comprend un agent logiciel de gestion responsable du maintien et du declenchement d'un regime de sauvegarde pour les dispositifs de calcul en reseau dans la cellule de sauvegarde. Les sauvegardes sont envoyees a des dispositifs de sauvegarde dans la cellule de sauvegarde. Plusieurs cellules de sauvegarde peuvent etre definies. Un agent logiciel de gestion d'une cellule particuliere peut etre place en contact avec l'agent logiciel de gestion d'une autre cellule par lequel des informations sur les cellules peuvent passer en amont et en aval. En outre, un des agents logiciels peut exercer une commande administrative sur un autre agent logiciel avec lequel il est en communication. Ainsi, le premier agent logiciel peut diriger ou modifier les parametres du deuxieme agent logiciel afin de definir un nouveau regime de sauvegarde pour la cellule de sauvegarde commandee par le deuxieme agent logiciel. Ou alors, si le deuxieme agent logiciel est defaillant ou ne peut pas fonctionner correctement, le premier agent logiciel peut diriger la sauvegarde de la deuxieme cellule. Les agents logiciels n'ont pas besoin de fonctionner sur des dispositifs de calcul separes. De plus, on peut creer une hierarchie de sauvegarde au moyen des techniques de communication et de commande des agents logiciels.

Legal Status (Type, Date, Text)

Publication 20010125 A1 With international search report.

Publication 20010125 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

Examination 20010607 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description
Claims

English Abstract

...is a hierarchical backup system. The interconnected network computing devices are put into groups of **backup cells**. A **backup cell** has a **manager software agent** responsible for maintaining and initiating a backup regime for the network computing devices in the backup cell. The backups are directed to backup devices within the **backup cell**. Several **backup cells** can be defined. A **manager software agent** for a particular cell may be placed into contact with the **manager software agent** of another cell, by which information about the cells may be passed back...

...Thus, the first software agent can direct or alter the parameters of the second software **agent** to define a new **backup** regimen for the backup cell controlled by the second software agent. Or, if the second software agent fails or cannot function properly, the first software **agent** can direct the **backup** of the second cell. The software agents need not operate on separate computing devices. Additionally...

Detailed Description

... The network computer system has a first network device and a second network device. The **backup** system has a first software **agent** operating on a first network device on the network computing system. The first software agent is communicatively coupled to at least one **backup** device. The first software **agent** maintains operational parameters for the **backup** regime for the network computer system. The first software agent makes archival requests directed to...

...also communicates the status of the network computing devices that it is responsible for the **backup** of to the second software **agent**. This allows the second software agent to stand in for the first software agent when the first software agent is unable to perform at its full functionality. The second software **agent** is able to **manage** the **backup** of the network

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computing devices that the first software agent is responsible for when
...

...exemplary embodiment, the network computer system has a first group of network computing devices. A **manager** software component runs on a network device and is responsible for **managing** parameters describing the archival characteristics of the first group of network devices, as well as able to initiate archival requests for those network computing devices.

The **manager** software component is communicatively coupled to at least one, possibly more, backup devices that physically perform the archival requests at the behest of instructions from the **manager** software component. A second software component supervises the **manager** software component, and is able to initiate a change in the operational parameters as described by the **manager** software component. Thus, the second software component may administer the characteristics of the **backup** policy of the **manager** software component.

In one embodiment, the second software component executes on a second network device, or it may also execute on the network device on which the **manager** component is executing. In an embodiment, the second software component is itself a **manager** software component responsible for the

backup policies of a second group of network devices.

Or, the **manager** software component can operate the **backup** activities of a backup cell. Additionally, the second software component can operate the backup activities of a second backup cell, as well as **manage** or supervise the **manager** software component operating the first cell. Thus, a hierarchical structure in a backup system can...

...network devices. The backup system has defined domains.

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The first domain has a first **manager** software agent executing on a first network computing device. The first **manager** software **agent** is responsible for **managing backup** activities for the first group of network devices. The backup activities are coordinated with a backup device or devices that is in communication with the first **manager** software **agent**.

These **backup** devices respond to the archival requests of the first **manager** software **agent** to carry out a **backup** policy ...A second domain has a second software agent, which administers the activities of the first **manager** software agent. The second software agent receives information on the first domain, and as such, the second software **agent** may operate the **back up** activities of the first domain.

The second software agent can **manage** a second group of network devices in the second domain in a similar manner to the first **manager** software agent operating and **managing** the first domain. As such, many other domains can be defined, and may be placed in communication with other domains. The **manager** software agent of each domain may be responsible for administratively **managing** other domains, and may in turn be **managed** by **manager** software agents in other domains. Many different control structures can be built with this interconnectivity...

...domain may be passed to another manager software agent responsible for another domain. The parent **manager** software agent may be able to pass instructions to the child domain and its **manager** software agent. As such, the parent **manager** software agent can operate the domain, or may be able to administer the child **manager** software agent's **management** of the domain.

Further, the second **manager** software agent may execute on the same network device as the first **manager** software agent. Alternatively, the second **manager** software agent may execute on a different network device as the first **manager** software agent.

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Other aspects of the present invention will become apparent with further reference...

...of the backup cell.

Fig. 3 is a block diagram detailing the use of the **manager** component of Fig. 1 as a virtual **manager** component for a plurality of virtual **backup cells**.

Fig. 4 is a logical block diagram of the resulting **backup cells** of the network system depicted in Fig. 3.

Fig. 5 is a block diagram of...

...to the attached backup devices 112, 122, and 132.

The network device 110 contains a **manager** component 114. The manager component 114 is a software **agent** responsible for the maintaining **backup** parameters of the backups in the backup cell 100, and initiating a backup policy for...

...aging policies, pruning policies, and backup media usage policies. Thus, through the operation of the **manager** component 114, an administrator can define the characteristics of the backup actions for the network...

...up to the backup devices 162, 172, and 182.

The network device 160 contains a **manager** component 164 that is responsible for the backup parameters of the backups in the **backup** cell 150. The **manager** component 164 is similar in operation and in functionality to the **manager** component 114 in the **backup** cell 100. Thus, through the operation of the **manager** component 164, an administrator can define the characteristics of the backup actions for the backup...

...having a single point of failure, namely the network

device 110 or the **manager** component 114 may not be an acceptable alternative to the user of the backup cell 100.

As such, the **manager** component 164 of the **backup** cell 150 is placed in communication with the **backup** cell 100. The **manager** component 164 running on the network device 160 is given the authority, power, and ability...

...on the backup cell 100. Further, information on the status of the network devices, the **backup** devices, and on the **manager** component 114 is made known to the **manager** component 164. Thus, the **backup** of the network devices 110, 120, and 130 may be maintained and controlled from another software agent at another location, such as the **manager** component 164. As such, alternative administration may be exercised on the backup characteristics and actions...

...the backup cell 100 can take place with little or no interaction with the remote **manager** component 164. These routine activities include backups of and restorations to the network devices 110...

...parameters of the archival functionality of the backup cell 100.

Or, interaction with the remote **manager** component 164 could take place when an administrator who is logged into the network device...of the functionality of the backup schemes to a common set of parameters across associated **backup cells**. Or, the administrative authority of the **manager** components may be highly decentralized, and the alternative control of another backup cell may be used only when the **manager** component of another **backup** has failed for some reason.

Information on the individual components making up the backup cell 100 can be communicated to the **manager** component 164. Thus, the **manager** component 164 could, to

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varying degrees as defined by operational needs, operate or initiate operation of the various components of the **backup** cell I 00.

The **manager** component 164 could also be configured to change the operational parameters of the **manager** component 150. Thus, a system wide change to backup cell parameters can be initiated through a single **manager** component and propagated to other **backup cells**. Or, the **manager** component 164 could fill in for the **manager** component 114 should it fall. Additionally, the interaction between the **backup cells** and other **manager** components allows for the appearance of a "seamless" network of **backup cells** to administrators sitting in remote locations.

Additional supervisory levels, controls, or permissions could be added to the **manager** component 164 to allow the supervisory control of additional **backup cells** for which the **manager** component 114 is supervising. As such, a hierarchy of backup control can be realized through the interaction of levels or connections of **manager** components.

Additionally, the **manager** components 114 and 164 can be configured such that critical events are propagated to another **manager** component having supervisory control or permission for it. Thus, an administrator logged into a **managerial** component sitting in the path of propagation can see critical events happening in the **backup cells** in the path of supervision. This criticality threshold for an event to be propagated to another **management** component of another **backup cell** may be configurable. Thus, an individual **manager** component can track the universe of **backup cells** that it is communicatively coupled to.

It should be noted that while only one backup cell is pictured in communication with the manger component 164, that any number of **backup cells** may be envisioned. It should also be noted that the hierarchy of **backup cells** may be configured in many manners. Thus, a single **manager** component may associate itself with several other **backup cells**, in a "shallow" configuration. Or, each succeeding **manager** component may be associated with

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one or more other **backup cells**, providing a tree-like structure to the supervisory capacities of the **manager** components. Or, a ring-like structure may be envisioned, where each **manager** component is associated with another **backup cell**, and the last **manager** component is associated with the first backup cell.

Further details on structures of a backup...

...computing devices 210, 220, and 2')0. The network computing device 21 0 runs a **manager** component 212, responsible for the **backup** parameters of the backup cell 200, as described before.

The network computing devices 210 and...

...for a particular network computing device are controlled by a particular client component.

In a **backup**, the **manager** component 212 would indicate to the appropriate client component to initiate a backup, and that the backup should be directed to a particular backup media. For example, assume that the **manager** component 212 determines that a **backup** of the network

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device 220 is warranted. The **manager** component 212 also determines that the backup should be directed to the **backup** device 238. The **manager** component 212 would contact the client component 224 with the request for a backup of...up file and/or data units, thus keeping an easily maintained and coordinated way to **manage** information on the backup of the file and/or data units, including their whereabouts and...

...of the indexed information on the file and/or data units are forwarded to the **manager** component 212. The **manager** component may use this information in the **managing** of the backup devices and the determination of where to send other file and or data units from backups from other network computing devices.

The **manager** component 212 is able to receive and send this indexed information to the **manager** component 262 running on the network computing device 260. Additional indexed information on the backup can exist distributed about the various media components, and the **manager** components 212 or 262 can access this information by querying the proper media component for it. Thus, the information required to make the proper query can be passed among the **manager** components as well. The **manager** component 262 can itself be a **manager** component for the **backup** cell where it resides.

While a peer-to-peer relationship can be present among the **manager** components, the **manager** components can be configured in a parent-child relationship as well. The **manager** component 212 can be configured to receive directions from the **manager** component 262 regarding the operation of the backup cell 200. Additionally, information on the client...

...media components 216 and 236, and on the backup devices 218 and 238.

Should the **manager** component 262 running on the network computing device 260 be so configured, this information from the **manager** component 212 could be propagated to the **manager** component 262. Thus, complete operational control of the **manager** component 212 could be asserted from the **manager** component 262 with the proper authorization.

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Further, since the **manager** component 262 has information about the client components 214, 224, and 234, the information...

...216 and 236, as well as information about the media devices 218 and 238, the **manager** component 262 could operate as a surrogate **manager** component to the **backup** cell 200. As such, the **manager** component 212 could be bypassed in the event of a failure of the **manager** component 212.

Additionally, the **manager** component 262 may be given a supervisory control over the **manager** component 212. This would enable the **manager** component 262 to change operational parameters, administration, or configuration of the backup cell 200, or...

...event of an emergency.

Fig. 3 is a block diagram detailing the use of the **manager** component of Fig. 1 as a virtual **manager** component for a plurality of virtual **backup cells**. The **backup cells** 100 and 150 of Fig. 1 may be "virtual", as well as physical, **backup cells**. The virtual **manager** components can identify administrative domains over which the particular

virtual **manager** component exercises administrative control.

In this case, one physical **manager** component 310 could be logically divided into several virtual **manager** components 320, 330, and 340. Each of the virtual **manager** components 320, 330, and 340 would be responsible for the backup functionality of portions of the physical network devices located in the physical **backup** cell. The **manager** component 310 runs on a network computing device 312. Connected to and in...

...and 362 are logically grouped together as a unit requiring yet another particular set of **backup** guidelines.

The **manager** component 310 can be configured to operate three independent **backup management** policies. The virtual **manager** component 340 is responsible for the **backup management** of the group of network devices 370 and 372. The virtual **manager** component 320 is responsible for the **backup management** of the group of network devices 350 and 352.

The virtual **manager** component 330 is responsible for the **backup management** of the group of network devices 360 and 362.

A remote network device 380 operates a **manager** component 385. The **manager** component is in communication with the **manager** component 310. As such, the **manager** component 310 can be configured to supervise the activities of the **manager** component 310, and the virtual **manager** components 320, 330, and 340.

Fig. 4 is a logical block diagram of the resulting **backup cells** of the network system depicted in Fig. 3. The **manager** component 340 and the network computing devices 370 and 372 make up a first virtual **backup** cell 410. Similarly, the **manager** component 320, along with the network computing devices 350 and 352, make up a second virtual **backup** cell 420.

Also, the **manager** component 330 and the network computing devices 360 and 362 make up a third virtual **backup** cell 430.

Each virtual **manager** component is responsible and maintains the functional parameters associated with the group of network computing devices associated with it. Each virtual **manager** component within the physical **manager** component 310 is able to maintain and control the backup and restoration actions and parameters of the network devices associated with it in a manner independent from the other virtual **manager** components it is related to.

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The virtual **manager** components may be configured where one of the **manager** components maintains supervisory control over the others, or any other combination. Or, the remote **manager** component 385 may maintain supervisory control any of the virtual **manager** components 320, 330, and 340 and their associated **backup cells**. Or, as indicated earlier, any or all of the virtual **manager** components 320, 330, or 340 may be configured to supervise the **manager** component 385 and its associated **backup** cell.

As such, the ability to link together similar network devices under different **manager** components enables a **backup** system that easily defines domains and sub-domains within an enterprise or organization.

Thus, a **manager** component able to maintain supervisory control over others may be easily maintained and identified in a linked network of virtual and physical **backup cells** by name.

Fig. 5 is a block diagram of an exemplary hierarchical backup network according to the invention. Each bubble represents a physical backup cell, as described previously. The physical **backup cells** may contain other virtual **backup cells**. The **backup cells** can be configurable by a domain name, which uniquely identifies the location and/or supervisory...

...backup cell in the hierarchy.

As such, the root backup cell of the network of **backup cells** can be defined as the domain name "Company", or other identifier indicating the root. In the naming convention, any **manager** component associated with a particular name would exercise supervisory control over manager components having that...

...followed by a delimiter, and followed by a sub-domain name. In this case, the **manager** component within a **backup** cell that is the root of a sub-tree of the would be able to exercise supervisory or administrative control over the **backup cells** further from the root.

Thus, the **manager** component associated with the "Company" **backup** cell would exercise supervisory control over the entire tree, including the sub-domains indicated by

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"Company.hq", "Company.mktg", "Company.eng", and "Company.sales". Additionally, the **manager** components under each of the sub-domains would exercise supervisory control over the sub-sub...

...company's headquarters and responsible for backup actions and parameters about the physical headquarters. The **managerial** component associated with the domain "Company" can exercise supervisory control over the backup cell associated...

...underneath "Company.sales". The domain "Company.sales.usa" is associated with a backup cell that **manages** the backups for network computing devices in the company's United States sales area. The **manager** component directing the **backup** cell "Company.sales.usa" is supervised by the **manager** component associated with the **backup** cell "Company.sales"

A backup cell 512 is associated with the network devices involved in...

...backup cell 510, and is given the domain name "Company.sales.eur". As such, the **manager** component associated with the **backup** cell 512 is under the supervisory control of the **manager** component associated with the domain "Company.sales".

Correspondingly, the backup cell 514 is concerned with...

...to the backup cell 510, and has the domain name "Company.sales.asia". Thus, the **manager** component for the **backup** cell 514 is under the

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supervisory control of the **manager** component associated with the domain name "Company.sales".

One should note that in this example the **manager** components for the **backup** cell 512 does not have supervisory control over the backup cell

514, and vice versa...

...cell 520 contains several hierarchical portions. First, the domain "Company.niktg" is contained in the **backup** cell 520. The **manager** component associated with the "Company.niktg" domain exercise supervisory functions for **backup cells** residing under the "Company.mktg" domain. These other sub-domains are administered and configured from the **manager** component associated with the "Company.mktg" domain.

Additionally, the backup cell 520 contains the virtual **backup cells** "Company.mktg.tv" and "Company.mktg.print", each associated with the backup of network devices...

...with the different departments in the "Company.mktg" domain. Each domain has its own virtual **manager** component exercising control over its own particular administrative domain, and being under the supervisory control of a **manager** component running on the same **backup** cell 520. A backup cell 530 contains a domain named "Company.eng", responsible for supervisory...

...s engineering locations. The backup cell 530 also contains a domain "Company.eng.nj". The **manager** component associated with the domain "Company.eng.nj" is responsible for the configuration, administration, and...

...located in the company's New Jersey locations.

Nested underneath the backup cell 530 are **backup cells** 532, 534, and 536, having the domain names "Company.eng.ca", "Company.eng.tx", and "Company.eng.jp", respectively.

Each of these **backup cells** is responsible for the backup of network computing devices at a

1 8

particular location, and are under the supervisory control of the **manager** component associated with the domain "Company.eng".

Additionally, other **backup cells** 540 and 542 are nested beneath the domain "Company.eng.ca". The domains "Company.eng.ca.routers" and "Company.eng.ca.gateways" are associated with **backup cells** for network computing devices associated with specific lines of engineering.

Thus, from the **manager** component associated with the "...Company", an administrator can configure, administer, or direct backup activities for any of the nested **backup cells** below it in the hq", "sales", "mktg", or "eng" domains. Sufficient information on backups and events are replicated up from the lower lying **backup cells** in the tree to allow the **manager** component associated with the "Company" domain to perform these supervisory duties. Further, any intervening **manager** components in the path between a specific domain and the root may perform the supervisory activities.

Thus, from any backup cell on a sub-tree, a **manager** component associated with that **backup** cell can supervise, configure, or administer the backup functionality of any backup cell in nested below it. For example, and administrator at the "Company.eng" **manager** component would be able to configure all the **backup cells** in with the name "Company.eng.*", where "*" stands for any sub-domain under the "Company..."

...from there to "Company.eng", and ultimately to "Company". Thus, actions at any of these **backup cells**
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may be asserted to aid the situation. Information regarding the backup process would also...

...backup cell, both physical and virtual, may be passed upwards accordingly. This allows the parent **manager** component to act in place of the child should it be required to do so...

...control of the child backup cell, as well as the supervisory control over any child backup cells of the child backup cell, and so on.

Additionally, due to the passage of this...

...controlling the domains under a particular domain is possible from a root domain. Further, the **manager** components associated with the sub-domains may be
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administered from the root domain of...

Claim

... groups of network devices storing data, the backup and retrieval system comprising:
a plurality of **backup cells** comprising:
a backup device executing a backup of the data stored on at least one of the
plurality of groups of network devices;
a **management** component, communicatively coupled to the at least one backup device, controlling the backup of the data to the backup device;
and each of the plurality of **backup cells** communicatively coupled to at least one other of the plurality of **backup cells**, and each of the plurality of **backup cells** adaptable to be controlled by a **management** component in another of the plurality of **backup cells**.

2 The backup and retrieval system of claim 1, wherein the **backup** device is controllable from the **management** component in another of the plurality of **backup cells**.

3 The backup and retrieval system of claim 1, wherein the **backup** device is controllable from the **management** component in another of the plurality of **backup cells** via the **management** component in the same **backup cell** as the backup device.

4 A backup and retrieval system for a network computing...

...a backup of the data stored on the first group of network devices;
a first **manager** component, communicatively coupled to the at least one backup device, controlling the backup of the...

...backup device; a second backup cell communicatively coupled to the first backup cell, the second
backup cell comprising:
a second **manager** component; and
the second **manager** component controlling the **backup** of the data to the at least one backup device.

5 The backup and retrieval system of claim 4 wherein the second **manager** component directly controls the **backup** of data to the at least one

backup device.

6 The backup and retrieval system of claim 4 wherein the second **manager** component directly controls the **backup** of data to the at least one **backup** device via the first **manager** component.

7 The **backup** and retrieval system of claim 4, the network computing system comprising a first network device, wherein the first **manager** component is a software module executing on the first network device, and the second **manager** component is a software module.

8 The backup and retrieval system of claim 7, the network computing system further comprising a second network device, wherein the second **manager** component executes on the second network device.

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. The backup and retrieval system of claim 7 wherein the second **manager** component executes on the first network device.

10 A backup and retrieval system for a...

...backup functions for the data contained on the first group of network devices;
a first **management** component executancy on the first network device, communicatively coupled to the at least one backup device, controlling the backup of the data to the at least one **backup** device; and
a second **manager** component, communicatively coupled to the first network device, the second **manager** component controlling the **backup** of the data to the at least one backup device.

11 The backup and retrieval system of claim 10 wherein the second **management** component executes on the first network device.

12 The backup and retrieval system of claim 10, the network computing system further comprising a second network device, wherein the second **management** component executes on the first network device.

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. The backup and retrieval system of claim...

...computing system further comprising a second group of network devices containing data, wherein the second **management** component controls a **backup** of the data contained on the second group of network devices.

14 The backup and retrieval system of claim 10, wherein the backup device is controllable directly from the second **management** component.

15 The **backup** and retrieval system of claim 10, wherein the backup device is controllable from the second **management** component via the first **management** component.

16 A **backup** and retrieval system for a network computing system, the network computing system comprising a first...

...network device, communicatively coupled to the first network device, the second network device the second **manager** component controlling the **backup** of the data to the at least one backup device.

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. The backup and retrieval...

7/5,K/7 (Item 3 from file: 349)
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00496331 **Image available**

TRANSMISSION OF ATM CELLS

TRANSMISSION DE CELLULES EN MODE DE TRANSFERT ASYNCHRONE (ATM)

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
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VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20116

English Abstract

A system and method of transmitting data cells are disclosed. The system includes a data transmitting and receiving unit including transceiver circuitry (643, 644), a main backplane interface (610) and backplane interconnection circuitry (647). The transceiver circuitry (643, 644) transmits and receives data cells over the data link, the main backplane interface (610) provides physical interconnection to the backplane (400), and the backplane interconnection circuitry (647) transmits and receives cells. The main backplane interface (610) including at least one cell signal terminal and at least one operations data signal terminal. The operations data signal terminals are separated from the cell data signal terminals. The operations data signal terminals and the cell data signal terminals are configured to connect to mating connectors (401-412) on a backplane (400). The backplane interconnection circuitry (647) receives data cells from the transceiver circuitry (643, 644) and transmit them over cell signal terminals, receives data cells from the cell signal terminals and provide them to the transceiver circuitry (643, 644) for transmission over the first data link, and transmit and receive operations data over the operations data signal terminals.

French Abstract

La presente invention concerne un systeme et un procede de transmission de cellules de donnees. Ce systeme comprend un emetteur-recepteur de

donnees comprenant des circuits emetteurs-recepteurs (643, 644), une interface principale (610) de fond de panier et des circuits d'interconnexion (643, 644) de fond de panier. Les circuits emetteurs-recepteurs (643, 644) transmettent et recoivent des cellules de donnees sur la liaison de donnees, l'interface principale (610) de fond de panier assure une interconnexion physique au fond de panier (300), et les circuits d'interconnexion (647) de fond de panier transmettent et recoivent des cellules. L'interface principale (610) de fond de panier comprend au moins un terminal de signaux de cellule et au moins un terminal de signaux de donnees d'operations. Les terminaux de signaux de donnees d'operations sont separees des terminaux de signaux de cellule. Les terminaux de signaux de donnees d'operations et les terminaux de signaux de cellule sont configures de maniere qu'ils se connectent aux connecteurs correspondants sur un fond de panier (300). Les circuits d'interconnexion (647) recoivent des cellules de donnees des circuits emetteurs-recepteurs (643, 644) et les transmettent aux terminaux de signaux de cellule, recoivent des cellules de donnees des terminaux de signaux de cellule et les transmettent aux circuits emetteurs-recepteurs (643, 644) pour transmission sur la premiere liaison de donnees, et transmettent et recoivent des donnees d'operations sur les terminaux de signaux de donnees d'operations.

Fulltext Availability:

Detailed Description

Detailed Description

... cell through a network. The PTI field identifies whether the cell contains user or network **management** related information. The CLP field indicates the cell loss priority. If the value of the...paths 611 and 612 to a main LSM or over 621 and 622 to a **backup** LSM (Fig. 6).

Cells arriving at the interface control circuitry 520 may include operations, administration, maintenance, and provisioning (OAMP... interfaces to memory 646. The processor 645 may control line card to LSM communications, power **management** for line card circuitry, line card initialization, operations, maintenance, and provisioning. The processor 645 is...on signal path 1076. The NICS backplane may also include slots to connect main and **backup** network **management** processors (NMPs) (not shown). NMPs may be used to connect the MCS to an external network **management** system and to exchange OAMP data between LSMs, trunk cards, and MLAs. Additionally, a MCS...data stored in memory 1227 or may arrive at the MCP from an external network **management** system coupled to interface 1233. Referring to Figs. 8 and 12, each of the interfaces... data in memory 1227 may be determined by control signals arriving from an external network **management** system over interface 1233.

Referring to Fi crs. IO and 12, when a MCP 1200...

7/5,K/8 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00488723 **Image available**

A REMOTE TERMINAL UNIT ASSEMBLY
ENSEMBLE DE TERMINAUX A DISTANCE

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Search Report from Ginger R. DeMille

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LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

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Main International Patent Class: H04Q-009/00

International Patent Class: G06F-011/20

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5282

English Abstract

A construction of RTU assembly is provided which has a number of independently operational cells for systems functions. Each cell is formed from a configurable component and effectively could be of the same construction as a conventional RTU that would be used for a particular function. There is inter-cell communication means for the continuous downloading of information between cells. Ideally the information is controlled in such a way that each cell is aware of all the information that is being transferred, but only receives that information that it requires. In this way all the functions can be performed and the cells operate as equal peers and no one cell has priority over the other cells, such that the failure of one cell will cause the failure of all the others. There can be a duplication of functions in the cells and various "redundancy" of power, and I/O ports is built into the system.

French Abstract

L'invention concerne la construction d'un ensemble de terminaux a distance. Cet ensemble comporte un certain nombre de cellules fonctionnant independamment pour des fonctions systemes. Chaque cellule est formee a partir d'un composant pouvant etre configure et peut presenter la meme construction qu'un terminal a distance classique utilise pour une fonction particuliere. Des moyens sont prevus pour assurer la communication entre les cellules, en particulier pour le telechargement continu des informations entre les cellules. De maniere ideale, les informations sont controlees de telle sorte que chaque cellule est informee de toutes les informations en cours de transfert, mais ne recoit que les informations dont elle a besoin. Ainsi, toutes les fonctions peuvent etre executees, et les cellules fonctionnent comme des homologues egaux et aucune cellule n'a priorite sur les autres cellules, de telle sorte que la defaillance d'une cellule va provoquer la defaillance de toutes les autres. Dans les cellules, les fonctions peuvent etre dupliquees et il peut y avoir une "redondance" de puissance, et les ports d'E/S sont construits dans le systeme.

Fulltext Availability:

Detailed Description

Detailed Description

... a water distribution system for domestic water supplies there is a 1 0

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need to **manage** the reservoirs, there is a need to **manage** water treatment and storage, the basic water distribution itself, the waste water collection and subsequently...will become apparent from reading this specification, the essential feature of the invention is the **management** or control of the data received by the RTU 0 assembly according to the invention...cell communications.

As has been mentioned already, the essential feature of the invention is the **management** or control of the data received by the RTU. This is provided by general control...a back-up cell, or if there are further additional cells, then they form more **back up cells**. The arrangement is such that the primary cell performs the operational functions, while the back...

7/5,K/9 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00452153 **Image available**

AN INTEGRATED OZONE GENERATOR SYSTEM

SYSTEME A GENERATEUR D'OZONE INTEGRE

Patent Applicant/Assignee:

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MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH

DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR

NE SN TD TG

Main International Patent Class: C25B-001/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26697

English Abstract

The present invention provides an ozone generation and delivery system that lends itself to small scale applications and requires very low maintenance. The system includes an anode reservoir and a cathode phase separator each having a hydrophobic membrane to allow phase separation of produced gases from water. The system may be configured to operate passively with no moving parts or in a self-pressurizing manner with the inclusion of a pressure controlling device or valve in the gas outlet of the anode reservoir. An ozone generator which operates at constant pressures to produce a continuous flow of ozone in an oxygen stream having from 10 % to 18 % by weight of ozone is also disclosed. The ozone generator includes one or more electrolytic cells comprising an anode/anode flowfield, a cathode/cathode flowfield, and a proton exchange medium for maintaining the separation of ozone and oxygen from hydrogen. The ozone generator also has an anode reservoir which vents oxygen and

Search Report from Ginger R. DeMille

ozone and a cathode reservoir which vents hydrogen. The anode reservoir can be filled from the cathode reservoir while continuing to produce ozone. The ozone generator is readily configured for self-control using a system controller programmed to operate the anode reservoir at a constant pressure.

French Abstract

L'invention porte sur un systeme de production et de distribution d'ozone se pretant a des applications de petite taille et demandant tres peu d'entretien. Le systeme comporte un reservoir anodique, et un separateur de phase cathodique presentant chacun une membrane hydrophobe permettant la separation de phases entre les gaz produits et l'eau. Le systeme peut etre concu pour fonctionner passivement sans parties mobiles ou en autopressurisation moyennant l'inclusion d'un manostat ou d'une soupape dans la sortie de gaz du reservoir anodique. L'invention porte egalement sur un generateur d'ozone fonctionnant a pression constante et produisant un flux continu d'ozone a 10 a 18 % en poids d'ozone. Ledit generateur comporte une ou deux cellules electrolytiques comprenant un champ de courant anode/anode, un champ de courant cathode/cathode, et un milieu d'echange de protons separant l'ozone et l'oxygene de l'hydrogene. Ledit generateur comporte egalement un reservoir anodique qui evacue l'oxygene et l'hydrogene, et un reservoir cathodique qui evacue l'hydrogene. Le reservoir anodique peut se remplir a partir du reservoir cathodique tout en continuant a produire de l'ozone. Le generateur d'ozone est configure pour s'autoreguler a l'aide d'un controleur de systeme programme pour assurer la marche du reservoir anodique a pression constante.

Fulltext Availability:

Detailed Description

Detailed Description

... an anode and cathode; a power supply electronically coupled to the electrolytic cells; a battery **back - up** to the electrolytic **cells** to improve the lifetime of the anode electrocatalyst and provide rapid response to ozone demand...effecting cell operation and net ozone output.

Moving the water cooling members so that thermal **management** is handled by the cathode loop provides three primary benefits to the overall system. The...the glass or stainless steel required for the anode reservoir.

Another benefit of moving thermal **management** to the cathode loop is the increase in ozone output since the amount of water...

...contact with the water and, therefore, undergo less degradation.

A further benefit of moving thermal **management** to the cathode loop is that the cooling water circulation pump is relocated from the...The use of a PEM instead of a liquid electrolyte offers several advantages. First, fluid **management** is simplified and the ...The use of a PEM instead of a liquid electrolyte offers several advantages. First, fluid **management** is simplified and the potential for leakage of corrosive liquids is eliminated.

...of Ontario, California. The top end of the destruct was vented to the atmosphere.

Thermal **management** was provided by two thermoelectric devices, such as model PT612-40 commercially available from Melcor...

7/5,K/10 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00344642

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC
RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION
ELECTRONIQUE DES DROITS**

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,
SHEAR Victor H,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY
KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-001/00

International Patent Class: G06F-17:60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 207972

English Abstract

The present invention provides systems and methods for electronic commerce including secure transaction **management** and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure, protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

French Abstract

Systemes et procedes destines au domaine du commerce electronique, et notamment a la gestion securisee des transactions et a la protection electronique des droits. Les appareils electroniques tels que les ordinateurs utilises conformement a la presente invention permettent d'assurer que les informations ne sont consultees et exploitees que de maniere autorisee, et ils conservent l'integrite, la disponibilite et/ou le caractere confidentiel des informations. Les sous-systemes securises

Search Report from Ginger R. DeMille

utilisees en association avec de tels appareils electroniques constituent un environnement de distribution virtuel distribue (VDE) apte a imposer une chaine securisee de traitement et de commande, par exemple pour la commande et/ou la mesure ou encore le controle de l'utilisation d'informations stockees ou diffusees electroniquement. Cet environnement de distribution virtuel peut servir a proteger les droits de differents individus impliquees dans le commerce electronique et dans d'autres transactions electroniques ou assistees par des moyens electroniques. On a egalement prevu des environnements et architectures de systeme d'exploitation distribues, securises et autres mettant en oeuvre, par exemple, des ensembles de traitement securise a semi-conducteurs pouvant etablir des environnements securises et proteges au niveau de chaque noeud. Ces techniques peuvent servir de soutien pour une fonction electronique de distribution d'informations de bout en bout, cette fonction etant utilisable, par exemple, dans le domaine de l'"autoroute electronique".

S

Search Report from Ginger R. DeMille

show files

File 348:EUROPEAN PATENTS 1978-2003/Jun W01

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030605,UT=20030529

(c) 2003 WIPO/Univentio

? ds

Set	Items	Description
S1	88	(BACKUP OR BACK()UP) (3W) (CELLS OR CONTAINERS OR CELLULES OR CHAMBERS OR COMPARTMENTS OR BOXES OR VAULTS OR STALLS OR ROOMLETS OR NOOKS OR NICHEs OR RECESSES OR ALCOVES) OR (HONEYCOMB? ? OR HONEY()COMB? ?) (3N) STORAGE?
S2	0	S1(6N) (INTERCONTROL? OR INTER()CONTROL? OR INTRA()CONTROL? OR INTRACONTROL? OR CODEPENDEN? OR CO()DEPENDEN? OR CO()OPERATIONAL OR COOPERATIONAL OR COOPERATIVE? OR INTRAOOPERABL? OR INTRA()OPERABL? OR INTEROPERAB? OR INTER()OPERAB?)
S3	11	S1 AND MANAG?
S4	1389	(BACK?()UP OR BACKUP) (5N) (MANAGER? OR CONTROLL?R? OR MANAGEMENT OR HANDLER? OR AGENT OR AGENTS OR CRAWLER? ? OR ROBOT? ? OR WORKER? ?)
S5	7	S1 AND S4
S6	1	S5 NOT S3
S7	12	S3 OR S5

Search Report from Ginger R. DeMille

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File 15:ABI/Inform(R) 1971-2003/Jun 11
 (c) 2003 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2003/Jun 11
 (c) 2003 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2003/Jun 10
 (c)2003 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2003/Jun 11
 (c) 2003 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jun 10
 (c) 2003 The Gale Group
 File 9:Business & Industry(R) Jul/1994-2003/Jun 10
 (c) 2003 Resp. DB Svcs.
 File 20:Dialog Global Reporter 1997-2003/Jun 11
 (c) 2003 The Dialog Corp.
 File 476:Financial Times Fulltext 1982-2003/Jun 11
 (c) 2003 Financial Times Ltd
 File 610:Business Wire 1999-2003/Jun 11
 (c) 2003 Business Wire.
 File 613:PR Newswire 1999-2003/Jun 11
 (c) 2003 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2003/Jun 10
 (c) 2003 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Jun 09
 (c) 2003 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

? ds

Set	Items	Description
S1	240	(BACKUP OR BACK()UP) (3W) (CELLS OR CONTAINERS OR CELLULES OR CHAMBERS OR COMPARTMENTS OR BOXES OR VAULTS OR STALLS OR ROOMLETS OR NOOKS OR NICHEs OR RECESSES OR ALCOVES) OR (HONEYCOMB? ? OR HONEY()COMB? ?) (3N)STORAGE?
S2	0	S1(6N) (INTERCONTROL? OR INTER()CONTROL? OR INTRA()CONTROL? OR INTRACONTROL? OR CODEPENDEN? OR CO()DEPENDEN? OR CO()OPERATIONAL OR COOPERATIONAL OR COOPERATIVE? OR INTRAOPERABL? OR INTRA()OPERABL? OR INTEROPERAB? OR INTER()OPERAB?)
S3	140	S1 AND MANAG?
S4	35110	(BACK?()UP OR BACKUP) (5N) (MANAGER? OR CONTROL?R? OR MANAGEMENT OR HANDLER? OR AGENT OR AGENTS OR CRAWLER? ? OR ROBOT? ? OR WORKER? ?)
S5	12	S1 AND S4
S6	0	S5 NOT S3
S7	140	S3 OR S5
S8	102	RD (unique items)
S9	77	S8 NOT PY>2000
S10	77	RD (unique items)

? t10/3,k/all

10/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02038875 55431537

The best of both worlds

Sellers, L J

Search Report from Ginger R. DeMille

Pharmaceutical Executive v20n6 PP: 110-120 Jun 2000
ISSN: 0279-6570 JRNL CODE: PHX
WORD COUNT: 4648

...TEXT: complementary, so we won't shut anything down. But we will have unified biomaterials lab **management** across the New Jersey and Massachusetts facilities. Not much else will change at the lab...

... a lot of physical consolidation. But the clinical and regulatory stuff will be consolidated and **managed** here in Cambridge.

I believe the sales forces at Biomatrix and GTR, for the near...on a market cap basis we will be much more available to mid-cap portfolio **managers** .

PE: What do you think the potential market is for biosurgery products?

Collier: Billions of... are then injected under the patch, the area is sealed, and the knee is closed **back up** . The **cells** then grow and attach and form new articular cartilage that functions much like the original...

10/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

02023735 53867864
Research to reality
Kirlin, Cristie
Electric Perspectives v25n3 PP: 20-36 May/Jun 2000
ISSN: 0364-474X JRNL CODE: ELP
WORD COUNT: 3682

...TEXT: a premium of 17 percent more than their present electric bill a fair price for **back - up** support."

Fuel **Cells** and the Environment

Because of their ability to use multiple fuel sources for energy production ...Demonstration Project received a waiver for an air emissions permit from the local air quality **management** district for the year-long test of the United States' largest (2-megawatt) fuel cell...

10/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01397473 00-48460
The power commodity
Carter, Wayne
Telephony v232n13 PP: 32-34 Mar 31, 1997
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 892

...TEXT: J. "My electrons are no different than the other guys' electrons."

James Pautler, senior sales **manager** for Eldec Corp.'s telecommunications power products and systems, described power supply-where alternating current...

...a bank of rectifiers, which convert the AC power to usable DC; a bank of **backup** battery **cells** that are charged by output from the rectifiers; and a control system to **manage** output, adjust battery charging levels for temperature and allow for remote station monitoring.

But within...

... to be mandated in the United States soon, according to Chris Searles, product and marketing **manager** for the energy products group at Yuasa-Exide.

While the basics of power conversion aren...

... selling points for the new systems are power density and an "intelligent" approach to battery **management** .

Intelligent battery **management** allows charging current to be adjusted; batteries require less power for maximum charging efficiency when the...

... technician can identify problems at outlying stations from a CO, is another component of intelligent **management** . It lets technicians know how a station is performing and what problem they're facing...

10/3,K/4 (Item 4 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01312651 99-62047

The ISDN Safety Net

Anonymous

Data Communications v25n14 PP: 63-64 Oct 1996

ISSN: 0363-6399 JRNL CODE: DCM

...ABSTRACT: bandwidth of leased lines, but they need backup they can bank on. For many net **managers** in Europe, that means ISDN. It is widely available - and so are standalone backup units...

... the far end of the link, which adds another layer of redundancy. Not every network **manager** needs a standalone unit, but for X.25 switches and legacy synchronous data link control lines, **backup boxes** are the way to go.

10/3,K/5 (Item 5 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01245395 98-94790

Automated data libraries "killer" applications re-born

Elizer, Lee H

Computer Technology Review v16n3 PP: 28 Mar 1996

ISSN: 0278-9647 JRNL CODE: CTN

WORD COUNT: 982

ABSTRACT: Library applications have fallen into 3 broad general categories:
1. automated operations, 2. hierarchical storage **management** (HSM) and
3. online **managed** storage. Automated operations may save in labor

Search Report from Ginger R. DeMille

personnel costs, but this is only significant in...

...be overwhelming in the creation of large volume demand for libraries. If a library truly **manages** data, then it is certain to be destined to ride the wave of explosive data...

...TEXT: engineers created libraries to move relatively light pieces of media between tape drives and a **honeycomb** of **storage** slots. This does not exactly describe a product that everyone just must have. No wonder...

... have fallen into three broad general categories: (1) Auto-mated Operations, (2) Hierar-chical Storage **Management** (HSM), and (3) Online Man-aged Storage. Automated operations certainly may save in labor personnel...

... given when there are labor savings at stake. Estimates vary as to the cost to **manage** storage but often range from \$200,000 to \$300,000 per year--big numbers. With...

... audio multimedia creation and the vagaries of the Internet, there becomes so much data to **manage** that trying to exist on a non-online basis is fraught with the perils of...

...huge volumes of product continue to be sold on an annual basis.

HSM

Hierarchical Storage **Management** (HSM) has almost come full circle to that of an operating system utility function. One...

... the industry as predicted by at least some gurus or biased company marketers.

On-Line **Managed** Storage

How much data is 10MB? In today's environment, not much, particularly with the...

...any of us, particularly data repository (library) vendors.

This implies varying degrees of intelligence to **manage** the data and the performance associated with passing the data. Historical library architectures have worried about how to pass media from one point to another point, not how to pass (**manage**) data.

But is this intelligence a library function, a server function or a host software **management** function? The answer is clearly, yes! And, this answer of yes is what causes all types of debates, some bitter, about where the intelligent aspects of **managing** (passing) data should reside. But this intelligence impacts and influences the search for the Killer...

... the library, except on Holidays, yields a slower than disk, but less expensive, on-line **managed** storage environment.

Maybe the Killer application is the complete library application environment?

So What?

If...

...while end-users consider low-priced commodity products as beloved.

But if a library truly **manages** data...then it is certain to be destined to ride the wave of explosive data...

10/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00938547 95-87939

Key control

Anonymous

Security Management v38n10 PP: 22-24 Oct 1994

ISSN: 0145-9406 JRNL CODE: SEM

WORD COUNT: 551

...TEXT: replacement building was being completed for the Salem County Correctional Facility of Salem, New Jersey, **management** took the opportunity to make the key distribution system more secure. Deputy Warden Skradzinski, who...

...other is in the booking control area. The keys in the control center are emergency **back - up** keys to **cells** and main doors whose electronic locks will not work in the event of a power failure. Only **managers** are authorized to retrieve the keys.

The key cabinet in the booking control area holds...

...KeyWatcher system we can do this more safely."

For more information: Mary Ellen Orsini, sales **manager**, Morse Watchman, Inc., 800/423-8256.

10/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00846263 94-95655

Something to hold onto?

Davis, Tim

Beverage World v113n1562 PP: 90-93 Mar 1994

ISSN: 0098-2318 JRNL CODE: BEV

WORD COUNT: 1297

...TEXT: to fit rugged mobile computing environments," with near-boundless energy thanks to a patented power **management** system that keeps it running all day. The system can withstand drops of four feet...

... accommodates a portrait-oriented display, just like a normal pad of paper.

A patented power **management** design with a 3.3-volt operation and a 2.5-hour recharge capability allows...

...a "fuel gauge"-style battery warning for both main (nickel cadmium, NiMH or alkaline) and **backup** power **cells**.

Pen*Key comes standard with four megabytes of RAM, and two, four- and eight-meg...

10/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00691596 93-40817
The opportunity finder
Goldston, Mark R
Success v40n2 PP: 80 Mar 1993
ISSN: 0745-2489 JRNL CODE: SCS
WORD COUNT: 622

TEXT: Turnaround" isn't just for companies in trouble. It's a technique any **manager** can apply to the weaker segments of his company. Mark R. Goldston's analytic tools...

... eggs made for the Czars. That told us our brands had an opportunity to move **back up** into higher market **niches** .

Where is your company's strongest advantage over the competition? Concentrate on building up that...

10/3,K/9 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00637864 92-52804
Users Plan for Life After Wang Bankruptcy
Nash, Kim; Hoffman, Thomas
Computerworld v26n35 PP: 78 Aug 31, 1992
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 1163

...TEXT: the VS minicomputer.

For others, the handwriting on the wall was bold enough to spur **managers** to draw up and execute contingency plans months or even years ago.

A recent survey...

... functionality drove American Express to make the change, but so did the relative ease of **backup** of the desktop **boxes** , Caruso said. Although he acknowledged that the VS models failed "infrequently," when they did, hundreds...

...is our biggest concern," he said.

Going to an independent service provider will reassure company **management** as well as save money.

For example, ICA has offered a 50 discount on fees...

... its charter to include legal firms running equipment from vendors other than Wang.

COMPANY:

YMS **Management** Associates, Inc.

WANG SETUP:

Search Report from Ginger R. DeMille

One VS minicomputer

REPLACEMENT:

IBM Application System/400

STATUS:

Done

BENEFITS:

Similar look and feel to applications

YMS, a financial **management** company based in New York, contracted with nearby Financial Technologies to migrate more than 1,000 VS-based programs to an IBM Application System/400 Model B45 late last year.

" **Management** here was nervous about Wang's money problems," said Kevin Saal, director of MIS.

The...

10/3,K/10 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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08595455 Supplier Number: 66279472 (USE FORMAT 7 FOR FULLTEXT)

Studies reveal hidden costs in IP supply chain.(grain elevators)(Statistical Data Included)

MALTSBARGER, RICHARD; KALAITZANDONAKES, NICHOLAS

Feedstuffs, v72, n36, p1

August 28, 2000

Language: English Record Type: Fulltext

Article Type: Statistical Data Included

Document Type: Magazine/Journal; Trade

Word Count: 2658

... the years, asset configuration and logistics of commodity grain handling have been optimized and elevator **managers** have built operating margins from scale. However, elevators in IP supply chains accept changing roles...

...of segregation/IP costs: coordination, segregation and opportunity costs. Coordination costs are incurred as elevator **managers** find farmers to produce the grain, verify that these farms have the proper production practices and contract for production. For buyer-call contracts, there are additional coordination costs for elevator **management** meetings and producer calls throughout the year.

Segregation costs may include multiyear, depreciable investments such...

...expenditures such as incremental labor for segregation and IP handling, additional material and maintenance costs, **management** of increased farmer dispute and the costs of misgrades (i.e., where IP stock is...

...foregone revenues from under-utilized storage capacity -- a primary concern for 85% of the elevator **managers** surveyed by E-Markets in its Grain Industry 2000 report (1997). The PRESIP model generates...

...the elevator to another intermediary or the end-user. Each scheduled delivery forces the elevator **manager** to release stock at specific times thereby relinquishing the option to hold grain for carrying...

...delivery date. Deliveries made on dates with positive spreads are assigned the lost revenue the **manager** would realize from carrying.

Early case studies

To provide a perspective on the size of...

...For each PRESIP simulation, actual operating data were obtained through personal interviews with the elevator **managers**. All three cases involve segregation of high-oil corn (HOC).

...are 12 small bins (5,000-30,000 bu.) for turning and drying operations. A "**honeycomb**" of 13 **storage** bins of 28,000 bu. per bin is used for terminal storage as well as...

...lowest per bushel costs for which all constraints of contractual delivery, practical bin filling patterns, **management** designated checks and volume patterns are met. Five distinct scenarios for each of the case ...

...of coordination,, segregation and opportunity costs is clearly not trivial and, therefore, important in the **management** 's decision to participate in IP supply chains.

Comparative costs

In all scenarios, Elevator No...

...has the lowest mean per bushel cost of \$0.164 at the 500K volume.

The "**honeycomb**" configuration of 30 **storage** bins of approximately 28,000 bu. offers Elevator No.2 greater flexibility in filling patterns...value-added compositional analysis used here.

* Richard Maltsbarger and Nicholas Kalaitzandonakes are with the Economics & **Management** of Agrobiotechnology Center (EMAC) University of Missouri-Columbia.

REFERENCES

Bender, K., L Hill, B. Wenzel...

10/3,K/11 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07820040 Supplier Number: 65284466 (USE FORMAT 7 FOR FULLTEXT)

Make Your Backups Painless and Brainless. (Technology Information) (Tutorial)

DUNN, SCOTT

PC World, v18, n10, p224

Oct, 2000

Language: English Record Type: Fulltext Abstract

Article Type: Tutorial

Document Type: Magazine/Journal; General Trade

Word Count: 2137

ABSTRACT:

...mini-backup systems with separate schedules and destinations. Windows 95 and Microsoft Plus support Microsoft **Backup** automation via the System **Agent** utility.Windows 98 comes with a version of Backup that does not support automated backups...

... Automation 95: If you have Windows 95 and Microsoft Plus, you can use the System **Agent** utility to run Microsoft **Backup**. Begin by choosing

Search Report from Ginger R. DeMille

Start*Programs*Accessories*System Tools* **Backup** . Use the check **boxes** in the left and/or right panes to select the folders or files you want...vital and crash your system. Leading Interactive's \$18 Process Control 2 has a task **manager** that lists all system processes and highlights vital ones in red. You can start, stop...

PRODUCT NAMES: 7372560 (Systems **Management** Software)

10/3,K/12 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07452682 Supplier Number: 62689455 (USE FORMAT 7 FOR FULLTEXT)

Genzyme Biosurgery : The Best of Both Worlds.(Company Profile)

Sellers, L.J.

Pharmaceutical Executive, v20, n6, p110

June, 2000

Language: English Record Type: Fulltext

Article Type: Company Profile

Document Type: Magazine/Journal; Trade

Word Count: 4684

... complementary, so we won't shut anything down. But we will have unified biomaterials lab **management** across the New Jersey and Massachusetts facilities. Not much else will change at the lab...

...a lot of physical consolidation. But the clinical and regulatory stuff will be consolidated and **managed** here in Cambridge.

I believe the sales forces at Biomatrix and GTR, for the near...on a market cap basis we will be much more available to mid-cap portfolio **managers** .

PE: What do you think the potential market is for biosurgery products?

Collier: Billions of...are then injected under the patch, the area is sealed, and the knee is closed **back up** . The **cells** then grow and attach and form new articular cartilage that functions much like the original...

10/3,K/13 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06549458 Supplier Number: 55393538 (USE FORMAT 7 FOR FULLTEXT)

Global Load Balancers -- Pointing Web Requests in the Right Direction --

Steering customers clear of overloaded Web servers is key to e-business.

Global load balancers keep an eye out for trouble.(Buyers Guide)

Reardon, Marguerite

Data Communications, p61

August 7, 1999

Language: English Record Type: Fulltext Abstract

Article Type: Buyers Guide

Document Type: Magazine/Journal; Trade

Word Count: 3525

... When we experienced a power outage in our main facility," says Craig Johnson, Internet services **manager** and chief WAN architect for Enso Audio Imaging Corp. (Seattle), "the 3DNS from F5 Labs...performance claims, especially for DNS resolutions. Most appliance and software suppliers say their products can **manage** about 1,000 per second; switch vendors go as

high as 10,000. If load...

...the probe to come back. And that slows it down," says Kevin Delgadillo, product line **manager** for Web scaling solutions at Cisco.

KICKING THE TIRES

It's also a very good...software balancers rely on the redundancy built into DNS; network architects would be wise to **back up boxes** at each site.

PAYING THE PIPER

Price is the final factor. Switch vendors may be...

10/3,K/14 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06325588 Supplier Number: 54588871 (USE FORMAT 7 FOR FULLTEXT)

Home automation market mushrooming. (electric power utilities diversify services)

Cissna, Tami

Electric Light & Power, v77, n4, p16(1)

April, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 938

... air conditioning, equipment installation and repair, as well as duct cleaning;

* Alternate fuels: distributed and **backup** generation, fuel **cells**, photovoltaics, and UPS systems; and

* Audits: energy and air quality audits, plus air filter repair...

...Inc., a Tampa-based subsidiary of TECO Energy, has developed a system that integrates energy **management**, home automation, advanced entertainment, communications and security features. Its new system, called the InterLane Home **Manager**, provides advanced two-way communication between homeowners and utilities utilizing a pager and the existing...

10/3,K/15 (Item 6 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05942723 Supplier Number: 53196635 (USE FORMAT 7 FOR FULLTEXT)

Data hotels. (EMC focuses on centralizing data) (Company Business and Marketing) (Column)

Dix, John

Network World, p34(1)

Nov 9, 1998

Language: English Record Type: Fulltext

Article Type: Column

Document Type: Magazine/Journal; Trade

Word Count: 777

... software to create massive data stores that not only stockpile data but also help you **manage**, protect and share it.

What the company advocates is using these beasts to amalgamate storage...

...redundant, RAID-based EMC storage tower.

Search Report from Ginger R. DeMille

The benefits are many. You have one system to **manage** , rather than a raft of them. You don't have to stitch together a bunch of safety nets to **back up** all those different **boxes** . And, most importantly, you centralize your data.

Centralizing data does a couple of things. For...

...in the same cabinet, takes down the offending device and calls home to EMC's **management** facility (which is online 24x7).

Not that things should go wrong...but they could. So...

10/3,K/16 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05208443 Supplier Number: 47944832 (USE FORMAT 7 FOR FULLTEXT)
Doing Business When The COMPUTER DIES
Friedman, Richard C.
Metal Center News, pI3
Sept, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1899

... accounted for).

At least one copy of the procedures should be stored off site with **backup** tapes. A few **boxes** of each pre-numbered form should also be stored at that site. Thus, one trip...written manually, after deductions and withholdings are calculated and recorded on a payroll register.

Warehouse **management** : Where items have fixed locations, print a location report (by item, then location) each time...

...the assignments for each of the next two or three days.

Richard C. Friedman, certified **management** consultant, is president of General Business Consultants Inc., Des Plaines, Ill. (USA), 847-803-3050
...

10/3,K/17 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05140167 Supplier Number: 47846421 (USE FORMAT 7 FOR FULLTEXT)
Transplantation Cord Blood Stem Cells from Unrelated Donors Merit More Consideration
Disease Weekly Plus, pN/A
July 21, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Professional Trade
Word Count: 1161

... transplantation of both marrow and cord blood from unrelated donors and with expertise in the **management** of children with hemoglobinopathies."

Additionally, all patients should have backup autologous marrow harvested and cryopreserved...

...ex vivo expansion of placental-blood stem cells and progenitor cells. These would serve as **backup cells** for a recipient or enable multiple recipients to receive the benefit of transfusion from only...

Search Report from Ginger R. DeMille

10/3,K/18 (Item 9 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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04660117 Supplier Number: 46857970 (USE FORMAT 7 FOR FULLTEXT)
Australia - StorageTek Finds Adventure Amid The Petabytes 11/01/96
Newsbytes, pN/A
Nov 1, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 226

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...backup isn't heavy on romance which is probably why StorageTek gives its automatic tape **backup boxes** adventurous names like Timberwolf, WolfCreek and PowderHorn.

... is great because we can hold up our margins," says Jeff Hodgkins, StorageTek Australia's **managing** director, pointing to booming corporate data growth Down Under. Australian disk storage is expected to...

10/3,K/19 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03538736 Supplier Number: 44965416 (USE FORMAT 7 FOR FULLTEXT)
Retailers earn high marks for battery displays, service
Aftermarket Business, p18
Sept 1, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 953

... innovation is a winner with consumers. For example, efforts to market batteries containing separate emergency **backup cells** never really caught on. Manufacturers figured that consumers would be willing to pay extra for...

...too high for the switch-type battery, so it failed miserably,' said Mike Carr, sales **manager** for Johnson Controls, one of the largest suppliers in the U.S. battery market. 'There...

10/3,K/20 (Item 11 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03535247 Supplier Number: 44959033 (USE FORMAT 7 FOR FULLTEXT)
Repligen Restructures, Seeks New Partners
Applied Genetics News, v15, n2, pN/A
Sept, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 303

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Search Report from Ginger R. DeMille

...MA) has announced the restructuring of certain business operations and the reorganization of its senior **management** team to reduce expenses, to focus on the clinical development of three lead candidates and...
... seek a strategic alliance for this program.

AM285 - This small molecule works by regulating a **backup** energy system within **cells**, the creatine kinase pathway. It offers a novel approach to the treatment of cancer, and...

10/3,K/21 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03489520 Supplier Number: 44879698 (USE FORMAT 7 FOR FULLTEXT)
Repligen Corporation restructures to focus on clinical development and strategic alliances
BIOTECH Patent News, v8, n8, pN/A
August, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Professional Trade
Word Count: 539

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...23 million) announced the restructuring of certain business operations and the reorganization of its senior **management** team to reduce expenses, to focus on the clinical development of three lead product candidates...
... by significantly cutting costs, focusing on our best product candidates and putting the strongest possible **management** team in place," said Smith. "Overall, we anticipate reducing operating expenses by approximately \$8.5...

...commonly used in cardiovascular surgical procedures.
AM285, a small molecule product candidate which regulates a **backup** energy system within **cells**, the creatine kinase pathway. It offers an approach to treat cancer and serious viral infections...

10/3,K/22 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03389670 Supplier Number: 44708243
The Problem with Power
MIDRANGE Systems, p38
May 27, 1994
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...6000 Model 52. The system contains two 680 Mbit drives, a 1.35 Gbit tape **backup**, 4 multiport **boxes**, and 4 modems. The whole system is safeguarded by American Power Conversion's Smart-UPS...

...minutes. Following 8 minutes of battery operation, the system sends warnings to the console and **managers** revealing that the system will undergo automatic shutdown in 5 minutes if power does not...

10/3,K/23 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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03234197 Supplier Number: 44442696 (USE FORMAT 7 FOR FULLTEXT)
NORAND INTRODUCES INNOVATIVE PEN COMPUTER SYSTEM DESIGNED FOR 'REAL WORLD' APPLICATIONS

PR Newswire, pN/A
Feb 15, 1994
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 598

... to fit rugged mobile computing environments, the PEN-KEY computer system features a patented power **management** system that keeps it running all day. The computer is also designed to withstand rough...

...world" mobile environments. From this experience, the company recognized the critical need for effective power **management**. This understanding is reflected in the new computer's ability to operate eight to 10...

...loss. Also, the computer has a "fuel gauge" style battery warning for both main and **back - up** power **cells** to provide a clear display of power status. The new Norand computer comes with up...

10/3,K/24 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

11960736 SUPPLIER NUMBER: 61408656 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Allogeneic blood and bone-marrow stem-cell transplantation in haematological malignant diseases: a randomised trial.

Powles, Ray; Mehta, Jayesh; Kulkarni, Samar; Treleaven, Jennifer; Millar, Barbara; Marsden, Jill; Shepherd, Val; Rowland, April; Sirohi, Bhawna; Tait, Diana; Horton, Clive; Long, Simon; Singhal, Seema
Lancet, 355, 9211, 1231
April 8, 2000

ISSN: 0099-5355 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5820 LINE COUNT: 00518

... We believe that the final results of our study now support this practice. The unused **back - up cells** from the study will be kept cryopreserved indefinitely and will be available to the patients...

...Jennifer Treleaven and Simon Long. Samar Kulkarni, Bhawna Sirohi and Diana Tait helped with patient **management**, data acquisition, and data interpretation. Barbara Millar and Val Shepherd did laboratory analyses and helped with data interpretation. April Rowland was in charge of data acquisition and **management**. Clive Horton was in charge of statistical analysis. Jill Marsden helped with statistical analysis. Seema...

10/3,K/25 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

Search Report from Ginger R. DeMille

11579169 SUPPLIER NUMBER: 19484013 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Getting the signal out: radio vendors broadcast quality, extension messages.

Meyers, Jason

Telephony, v232, n13, p30(3)

March 31, 1997

ISSN: 0040-2656 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2170 LINE COUNT: 00181

... to simply putting up sites.

"Before it was, 'Build, build, build,'" said Stuart Rosenfield, marketing **manager** for Ericsson's DAMPS/AMPS business unit. "Now it's, 'What and who are we..."

...channel CDMA repeater called the Mirror-Cell Select CDR1902. The vendor also introduced an element **manager** software package and announced a contract to provide channel--selective repeaters to Microcell Connexions in ...

...buildouts. "They're only now realizing how much they need this," said Hal Zarem, business **manager** for wireless communications at Ortel.

ADC Wireless Systems found a similarly receptive crowd. The company

...

...that it had formed Metawave Network Services, a division that will offer engineering and project **management** services for wireless systems implementation.

While all those vendors and more have been developing solutions...J. "My electrons are no different than the other guys' electrons."

James Pautler, senior sales **manager** for Eldec Corp.'s telecommunications power products and systems, described power supply--where alternating current...

...a bank of rectifiers, which convert the AC power to usable DC; a bank of **backup** battery **cells** that are charged by output from the rectifiers; and a control system to **manage** output, adjust battery charging levels for temperature and allow for remote station monitoring.

But within...

...to be mandated in the United States soon, according to Chris Searles, product and marketing **manager** for the energy products group at Yuasa-Exide.

While the basics of power conversion aren...

...selling points for the new systems are power density and an "intelligent" approach to battery **management**.

Intelligent battery **management** allows charging current to be adjusted--batteries require less power for maximum charging efficiency when ...

...technician can identify problems at outlying stations from a CO, is another component of intelligent **management**. It lets technicians know how a station is performing and what problem they're facing...

10/3,K/26 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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10527538 SUPPLIER NUMBER: 21209139 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CA Boosts Workgroup Software. (Computer Associates) (Company Business and

Marketing) (Brief Article)

P. Jaleshgari, Ramin

VARbusiness, v14, n21, p22(1)

Oct 12, 1998

DOCUMENT TYPE: Brief Article ISSN: 0894-5802 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 69 LINE COUNT: 00009

TEXT:

Continuing the momentum it began this summer with the shipment of standalone network **management** products, Islandia, N.Y.-based Computer Associates International Inc. (CA) announced three additions to its Workgroup software. Including Web monitoring, remote control, antivirus and **backup** products. The new **boxes**, intended to help CA further penetrate the SMB market, will be sold exclusively through the...

10/3,K/27 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10159177 SUPPLIER NUMBER: 20074046 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Backup saves day in storage meltdown. (Cozen O'Connor) (Technology

Information)

Ouellette, Tim

Computerworld, v31, n49, p35(2)

Dec 8, 1997

ISSN: 0010-4841 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 480 LINE COUNT: 00039

ABSTRACT: Law firm Cozen O'Conner learned firsthand the value of **backup** and offsite data **vaults** when its New York Banyan Systems server crashed less than a month after the office...

PRODUCT/INDUSTRY NAMES: 7372560 (Systems **Management** Software...

10/3,K/28 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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10025854 SUPPLIER NUMBER: 20173802 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Store wars: the best and worst places to buy a PC. (purchasing online, through mail order and retail shops) (includes related articles with shopping tips, research procedures employed, and outrageous sales peoples' claims) (Industry Trend or Event) (Cover Story)

McEvoy, Aoife; Freeman, Angela; McCracken, Harry; Scisco, Peter; Spanbauer, Scott

PC World, v16, n2, p122(10)

Feb, 1998

DOCUMENT TYPE: Cover Story ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6339 LINE COUNT: 00467

... up, evaluated the documentation, called tech support, checked out online help, and packed the systems **back up** in their **boxes** and returned them.

Our findings? Every buying route has its perils, but buying direct seems...incorrectly, so the company couldn't contact him.

Phil Koserowski, Quantex's Internet marketing group **manager**, admits

Search Report from Ginger R. DeMille

that the online-purchasing operation wasn't quite ready for prime time. "We kept...

...and even within stores in the same chain. Scott was blown away by Beth, a **manager** in the Westminster, Colorado, Circuit City, when she popped the hood of a Sony VAIO...message. And another. More than one month and five phone calls later, a CompUSA sales **manager** told him that his credit card had been declined--despite the fact that Harry's...

...under the credit limit.

As with the Quantex credit card snafu earlier, the CompUSA sales **manager** blamed the problem on Harry's different billing and shipping addresses--despite the fact that Harry had religiously followed the store's instructions. The **manager** advised him to either redo his canceled order from scratch or buy a new PC...in the company's brochures. "Manufacturers are not accepting returns anymore," announced Craig, the store **manager**.

When we called Computer City's head office in Fort Worth, Texas, David Martella, vice...

...refund for desktop PCs--Mr. Spanbauer will be credited \$250 immediately." He added that store **managers** can't arbitrarily set policies like these, and that "Craig is no longer working with...s not named Ron.

12:36 p.m.

Sneak into bathroom to take notes. Suspect **manager** 's on to me. When I come back, she's taken over the sale. We...

10/3,K/29 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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09978192 SUPPLIER NUMBER: 20163819 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Disaster recovery - are you prepared for business disruption?

Pedone, Rose-Robin

LI Business News, n44, p23(2)

Nov 3, 1997

ISSN: 0894-4806

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2730 LINE COUNT: 00205

...ABSTRACT: within two years following a disaster. A disaster recovery plan requires the support of senior **management** to succeed. Moreover, the flexibility of the plan to address any disaster is a key...

... employment and look elsewhere while you rebuild."

"A disaster recovery plan requires a commitment from **management** in order to be effective," Seigerman said. "Without commitment from the CEO, it is hard to get a plan in place."

"Senior **management** needs to make the commitment and make sure no aspects are being ignored," Larkin said. "The success of a plan depends on the support of senior **management**."

A disaster plan, usually anywhere from 100 pages to 1,000 pages, depending on the...

...report to rebuild the business at a new location."

"The disaster recovery plan creates a **management** team which is trained to go into action if a disaster occurs," Seigerman said. "The...

...come in and help to develop these plans," Novak said. "They will work with the **management** to create a very comprehensive document that will list everything that is contained in the...for contract obligations that cannot be met once disaster strikes.

Business Insurance

Search Report from Ginger R. DeMille

"If an insurance **manager** thinks a company is very sound, that could turn into a ten percent deduction for...
...to the business owner because it could serve as proof that the business has sound **management**."

According to Larkin, having a disaster recovery plan does not reduce insurance up front, but...

...that the insurance company deems preventable had a plan been in place.

Hot Sites And **Back - up Boxes**

All software, data and file backups should be kept at an off-site facility called...

...DESCRIPTORS: **Management** ;

10/3,K/30 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09298594 SUPPLIER NUMBER: 19107550 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Herrenknecht - a company profile. (Herrenknecht GmbH) (Company Profile)

World Tunnelling and Subsurface Excavation, v9, n10, pN7(4)

Dec, 1996

DOCUMENT TYPE: Company Profile ISSN: 0956-8700 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 2498 LINE COUNT: 00212

... transport and reassembly on site. The shield had eight single 45 degree modules and the **backup containers** were carried separately on road trucks. The lining is by concrete segments (World Tunnelling, June... the German Federal Ministry of Research and Development, and the HamburgSewer Authority is the project **manager** . The AVP Crush Lining System has been developed by Herrenknecht for sewer pipe breaking and...

...may include transport of the machine to site, supervision of assembly, crew training and project **management** .

In 1995 the Herrenknecht company was awarded a DIN ISO 9001 certificate. Under Martin Herrenknecht...

...COMPANY NAMES: **Management**

...DESCRIPTORS: **Management**

10/3,K/31 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08999570 SUPPLIER NUMBER: 18702031 (USE FORMAT 7 OR 9 FOR FULL TEXT)

1996 directory of frozen food equipment manufacturers & industrial suppliers. (Directory)

Gudal, Olga

Quick Frozen Foods International, v38, n1, p139(43)

July, 1996

DOCUMENT TYPE: Directory ISSN: 0033-6416 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 30090 LINE COUNT: 02454

... 348-410999 Fax: 31-348-421193

B. Prakken, Chairman/CEO; P.R. van der Meulen, **Managing** Director
Automatic case-packing systems for flexible bags, including automatic

Search Report from Ginger R. DeMille

seal checking and case handling...Tel.: 32 2 767 0676 Fax: 32 2 767 4728
Anthony Skevington, Pres.; Bruce Scott, **Managing** Dir.
(See above for product line)
CHALLENGE-RMF, INC. 17870 Castleton St., Suite 255, Industry...

...Willowholme, Carlisle, Cambria, CA25RR, England Tel. 44-1228-22321 Fax:
44-1228-401854

Paul Ashley, **Managing** Director
Insulated doors in stainless steel and white food-safe PVC finish.
Fire-rated and...93714 USA Tel. 1-209-237-1855 Fax: 1-209-266-5149
Jack Kraemer, Sales **Manager**
Frozen vegetable blend and mix systems. Conveyors (belt, chain, screw,
vibrating, inspection, distribution). Graders (length...

...21, CH-5507 Mellingen, Switzerland Tel. 41-56-913121 Fax: 41-56-912975

H. Nuesch, **Managing** Director
Mobile pallet racks and shelving
COMPLETE PACKAGING SERVICE 1118 North Main Street, Austin, MN...
Norwich, NR11 6HE, England Tel. 44-1263 733499 Fax: 44-1263 733899
R.P. Smith, **Managing** Director
Industrial freezing and chilling systems. Spiral systems for packed
and unpacked products. IQF belt...Wycombe Bucks, England HP12 4HJ Tel.
44-1494/474750 Fax: 44-1494/471830

Brian Nutt, **Managing** Director
Trimmers for meat, poultry, fish processing; sharpeners for knives
used in trimmers.
FOOD INDUSTRY...Tri-Tray with selective retention times cooling,
freezing and hardening products. Complete design and construction
management .

FREEZING SYSTEMS, INC. 17625 130th Ave. N.E. Suite 101, Woodinville,
WA 98072 USA Tel...

...Milano, Italy Tel. 39-2-55010161 r.a. Fax: 39-2-55014555

Davide Freddi, General **Manager** (See Frigoscandia Equipment AB)
FRIGOSCANDIA EQUIPMENT S.A. 29 Boulevard Malesherbes, 75008 Paris,
France Tel...

...UK Tel. 44-1234 841177; 01234;825240 Telex: 05240 Fax: 44-1234 841400

Duncan Lawson, **Managing** Director (See Frigoscandia Equipment AB)
FRIGOSCANDIA EQUIPMENT GMBH Postfach 4114, Siemensstr. 6, 40885
Ratingen 4...

...Australia Tel. 61 2-796 2555 Fax: 61 2-796 40 40

Paul Turnbull, General **Manager** (See Frigoscandia Equipment AB)
FRIGOSCANDIA EQUIPMENT PTE LTD 87/88 Amoy Street, Singapore 0106 Tel.
65 223 72 33 Fax: 65 223 76 33

Preben Herner, **Managing** Director (See Frigoscandia Equipment AB)
FRIGOSCANDIA FREEZER Box 913, S-251 09, Helsingborg, Sweden Tel...
22079 USA Tel. 1-703-643-2002 Fax: 1-703-690-4397

Austin Hsu, General **Manager**
Refrigerants.
GRENCO IBERICA S.A. 117 Ctra. De Bayona, Vigo (Pontevedra) Spain 36213
Tel. 34 Fax: 64-9-274-5756
Gary Fredericksen, **Managing** Director
Subsidiary of Heat and Control, USA See Heat and Control, Inc. (USA)
HEAT AND...

...IL 60069 USA Tel. 1-708-317-1991 Fax: 1-708-317-0007

Kraft paper **honeycomb** pallets.
HI-LINE **STORAGE** SYSTEMS CO. Hi-Line Drive and Ridge Road, Perkasio,

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PA 18944 USA Tel. 1-215...60563 USA Tel. 1-708-245-8800 Fax: 1-708-245-8903
Racks. Conveyors. Warehouse **management** software.

INTERNATIONAL PAPER 6400 Poplar Ave., Memphis, TN 38119 USA Tel.
1-901-763-6942...shrimp processing for automatic peeling. Continuous steam
cookers - cook/blanch seafood, vegetables, etc. Waste water **management**
systems - filtration and recirculation of process water. Size grading
systems.

LANSING LINDE LTD. Kingsclere Road...33-40-84 54 54 Telex: 711709 Fax:
33-40-31 28 80

M. Daviaud, **Managing** Director
Complete industrial and marine refrigeration installations. Industrial
freezers. Ice making plants.

MAURI LINDGREN FOOD...
...684-3355 Telex: 19176 meyn nl Fax: 31-75-6844-150

Mr. J. Wouterse, General **Manager**
Chicken, turkey, duck, and fish processing equipment. Refrigeration
and cooling equipment. Effluent treatment systems. Further...screw. Water
and low temperature chillers. Air and water-cooled condensing units. Spiral
freezers. Energy **management** systems.

Nelson-Jameson Inc. 2400 E. Fifth Street, Box 647, Marshfield, WI54449
USA Tel: 1...336-4821 Fax: 1-208-343-0433

Tom V. Staley, President; David K. Johnsen, Sales **Manager**
Water vac water removal systems for eliminating excess surface
moisture from vegetables prior to freezing...

...91 22 5320029/5320373/1842 Fax: 91 22 5320033 Telex: 011 72329

R. K. Patel, **Managing** Director
Packaging machinery for dairy and processed food products.
SAMIFI BABCOCK EQUIPMENT Rue Jean Jaures...NR 32 1XA UK Tel.
441-502-562206 Fax: 441-502-584104

Peter A. Hubbard, **Managing** Director
Medium to long retention time freezers for prepared foods. Two belt
IQF freezers. In...614-863-3144 Fax: 1-614-863-3296 Jan Erik Kuhlmann,
President; Dominick Guliuzza, Sales **Manager** Grinders. Mixers.
Mixer/grinders.

Bone elimination systems. Vacuum emulsifiers. Conveyors. Dumpers.
Multi needle brine injectors...Tel. 64-9 443 5478 Fax: 64-9 444 3242 Peter
Bullock, Asia-Pacific Regional **Manager** (See above York listing.)

YORK FOOD SYSTEMS (EUROPEAN HEAD OFFICE) Suite 10, Keswick Hall,
Norwich...

10/3,K/32 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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08128720 SUPPLIER NUMBER: 17405387 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**J & J prescribes high-speed vial filling. (Johnson & Johnson Clinical
Diagnostics)**

Packaging Digest, v32, n11, p42(2)
August, 1995

ISSN: 0030-9117 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1503 LINE COUNT: 00126

... bottles at the touch of a monitor screen or key pad.

Patricia O'Brien, plant **manager** of fluid manufacturing for J & J's
clinical diagnostics division, Rochester, N.Y., says liquids...

...with immediate identification and location of any problem, such as a
missing bottle or a **backup** of **containers** anywhere along the conveyor.

Search Report from Ginger R. DeMille

A variety of diagnostic fluids are formulated at J & J and...

10/3,K/33 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07979341 SUPPLIER NUMBER: 17212208 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Pipeline. (Networking) (Illustration)
InfoWorld, v17, n27, p37(1)
July 3, 1995
DOCUMENT TYPE: Illustration ISSN: 0199-6649 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 291 LINE COUNT: 00025

... INTEXT SYSTEMS is shipping WebPak, a \$2,999 suite of World Wide Web publishing and **management** tools for Windows 3.x, Solaris, SunOS, AIX, and HP-UX that includes a search...

...product, based on Legato Systems Inc.'s Networker software, runs on Vines but can also **back up** Unix **boxes** on several platforms. It costs \$3,000 per server, but one server can back up...

10/3,K/34 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07622088 SUPPLIER NUMBER: 16077481 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Retailers earn high marks for battery displays, service. (includes related article)
Hall, Ron
Aftermarket Business, v104, n9, p18(2)
Sept 1, 1994
ISSN: 0892-1121 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2370 LINE COUNT: 00187

... innovation is a winner with consumers. For example, efforts to market batteries containing separate emergency **backup cells** never really caught on. Manufacturers figured that consumers would be willing to pay extra for...

...too high for the switch-type battery, so it failed miserably," said Mike Carr, sales **manager** for Johnson Controls, one of the largest suppliers in the U.S. battery market. "There...re getting fresh product.

What about batteries sold for cars and trucks?

Bill Norris, regional **manager** for Interstate Batteries, Dallas, says his company meets the freshness challenge by rotating its stock...
...power available from a lead/acid battery has dropped. Gaining retail distribution in Canada, business **manager** Chris Vanooteghem claims at least one Chrysler model sold in Canada will come with Battery...

10/3,K/35 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07597034 SUPPLIER NUMBER: 15894545 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Demand for portables charges batteries. (includes list of battery suppliers and related article on battery maintenance)

Search Report from Ginger R. DeMille

Avery, Susan

Purchasing, v117, n6, p82(3)

Oct 20, 1994

ISSN: 0033-4448

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2279

LINE COUNT: 00189

... expendable; and secondary, or rechargeable. Expendables, used once and thrown out, include carbon-zinc, alkaline- **managnese**, mercury, and lithium.

Market at a glance

* Demand: Strong. Increased sales of portable electronic devices... coin cells, and a range of VL rechargeable lithium batteries for compact designs and memory **backup**. (Lithium ion **cells** have greater capacity than NiMH, a higher discharge rate than NiCd, but can cost more...

10/3,K/36 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07565312 SUPPLIER NUMBER: 16373688 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Batteries explode into new applications and new chemistries. (includes related article)

Small, Charles H.

EDN, v39, n21, p63(6)

Oct 13, 1994

ISSN: 0012-7515

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3238

LINE COUNT: 00263

... drop right into NiCd applications. For example, Varta's NiMH button cells directly replace NiCd **backup cells**. The NiMH button cells are UL-recognized and user replaceable.

The battery-related development that...14, 1993, pg 101.

5. To obtain a copy of Smart-Battery Data and System- **Management** Bus Specifications, call Intel's sales office at (800) 626-7256, international calls use + 916...

10/3,K/37 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06741178 SUPPLIER NUMBER: 14547633 (USE FORMAT 7 OR 9 FOR FULL TEXT)

New pancake packaging relieves disposal problems for dupers.

Block, Debbie Galante

Tape-Disc Business, v7, n10, p10(4)

Oct, 1993

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1368

LINE COUNT: 00106

... Hutchinson, MN, also has a returnable system in place. According to Frank Russomanno, marketing operations **manager**, "we started the program about a year ago, and at this time four customers are...

...place at Maxell Corporation of America, Fairlawn, NJ, for about a year, according to product **manager**, Patricia Byrne. The hard plastic package can be used anywhere from 80 to 100 times...

...an injection molded collapsible container which would reduce freight costs, according to Ed Havens, general **manager** of Industrial Products.

Search Report from Ginger R. DeMille

SKC is also looking at stainless steel containers. "There is also likely...

...CA, has a similar philosophy about the package they are working on. According to marketing **manager** , Steve Smith, "We can only ask so many questions, then we have to let the...

...Corp., of Port Washington, NY, is also working on a returnable container, said national sales **manager** , Doug Booth. "We're looking at steel and plastic-coated wood as well as hard...

...be separated for recycling," he explained. "With TDK's new system, there will be three **back up containers** for transit. These containers will be built to last 10 years."

RETURN ON INVESTMENT

All...

10/3,K/38 (Item 15 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06517230 SUPPLIER NUMBER: 14208690 (USE FORMAT 7 OR 9 FOR FULL TEXT)
UPS and running. (includes related article on managing power) (PC User LAN

Special) (Tutorial)

Potter, Simon

PC User, n213, pS14(2)

June 16, 1993

DOCUMENT TYPE: Tutorial ISSN: 0263-5720 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1392 LINE COUNT: 00107

UPS and running. (includes related article on managing power) (PC User LAN
Special) (Tutorial)

... modems. These days, even the smaller UPSes now provide a communications port and a power **management** utility program for the computer being protected. Diagnostic and status information can then be displayed...

...power failure occurs.

The manufacturers are also coming up with very specific software for network **management** -- freestanding utilities or NetWare Loadable Modules, for instance, that will run on servers to monitor...

...controlling dispersed network devices, being controlled centrally just like other tools available to the network **manager** . With some units, for example, a LAN administrator can now switch on and off bridges...want to exacerbate the situation by risking the printer.

You may also want to provide **backup** for any concentrator **boxes** -- all unprotected power-assisted cabling devices would go down during a blackout, so the LAN...

10/3,K/39 (Item 16 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05541680 SUPPLIER NUMBER: 11594978 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New ways to distribute mainframe storage. (direct access storage devices)

(includes related article on DASD distribution)

Snell, Ned

Datamation, v37, n24, p67(3)

Search Report from Ginger R. DeMille

Dec 1, 1991

ISSN: 1062-8363

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1492

LINE COUNT: 00118

TEXT:

...Channel extenders make the host believe that far-flung devices are locally attached, and they **manage** wide area communications well enough to deliver near-local performance over long distances. Peripherals and...

... whether it changes what they will do.

"Distance is not a problem," claims Franz Corneille, **manager** of product marketing for Network Systems. "We can support if [channel-extended DASD] over satellite...

...are reliable and widely available, if not necessarily cheap. According to Brian Witt, group product **manager** for McData, the price of a T3 line may be enough to hold back extended...libraries, such as those from Storage Technology Corp. and soon from IBM, already make good **backup vaults** for a lot less per megabyte. But DASD has two advantages over tape backup. It ...

...Both storage technologies are supported by a variety of channel extenders now.

Todd Donaldson, product **manager** at EMC Corp., says his company's Symmetrics Integrated Cached Disk Array system can already...

...to automated tape libraries front-ended by solid-state DASD to improve remote performance and **management**. As remote tape facilities get faster, the incentive to channel extended to expensive DASD gets...

...Snell is owner of Manual Dexterity, an Indianapolis-based freelance-writing firm specializing in information **management** issues.

10/3,K/40 (Item 17 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

04794489 SUPPLIER NUMBER: 08813308 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Symbol's PDT 3300 1-pound computer lightens user load. (Symbol Technologies Inc.'s PDT 3300 hand-held computer) (product announcement)

Sexton, Tara

PC Week, v7, n35, p20(1)

Sept 3, 1990

DOCUMENT TYPE: product announcement

ISSN: 0740-1604

LANGUAGE:

ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 343

LINE COUNT: 00026

... input and transmit data quickly and easily using a keypad, said Larry Farrell, product line **manager** for Symbol Technologies in Costa Mesa, Calif.

The DOS-based computer is powered by an...

...battery or for 60 hours on two 9-volt alkaline batteries. The machine also has **backup** lithium **cells** to protect data while the main batteries are being replaced, Farrell said.

Joe Paiva, vice...

10/3,K/41 (Item 18 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

Search Report from Ginger R. DeMille

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04782086 SUPPLIER NUMBER: 08788760 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Symbol Technologies introduces the PDT 3300 portable data computer.

(product announcement)

PR Newswire, p0828NE002

August 28, 1990

DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 569 LINE COUNT: 00048

... and field information systems markets. Applications such as direct store delivery, shelf price auditing, inventory **management**, field service reporting and sales order entry can now be more easily implemented.

Through innovative...

...to 60 hours on two 9-volt alkaline batteries. The portable data computer also contains **backup** lithium **cells** to protect stored data while the main batteries are being replaced.

The PDT 3300 combines...

10/3,K/42 (Item 19 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

04594859 SUPPLIER NUMBER: 08555226 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Direct marketing software guide 1990. (includes related articles on providing list processing to retailers, calculating postal rates, and writer's block) (buyers guide)

Direct Marketing, v53, n2, p29(22)

June, 1990

DOCUMENT TYPE: buyers guide ISSN: 0012-3188 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 15543 LINE COUNT: 01388

... Support); desktop publishing (Desk Top Publishing); telemarketing (Telemarketing); fulfillment Fullment; mailing system Mailing System; list **management** /database (List **Management** /Database); decision support (Decision Support); and miscellaneous (Miscellaneous).

We encourage you, our readers, to call...

...interviewing software package for marketing research and telemarketing. The package has full sampling and call **management** capabilities, as well as quota control. Also enables the user to create questionnaires, conduct interviews...

...year.

Users/Installations: There are 40 users.

Price: Starts at \$2,000.

Mailing System: List **Management** /Database: Fulfillment: ADMS (Advanced Direct Marketing Software) CORTEX Konsultkollegium AB, Grustagsatan 4 S-252 64 are currently 60 installations.

Price: Available upon request.

List **Management** /Database: Decision Support: AMSS (Advanced Marketing Selectivity System) Direct Marketing Advisory Services (DMAS), Inc., 19...

...training classes, product upgrades, maintenance plans and implementation assistance.

Price: Starts at \$10,000.

List **Management** /Database: ANCHOR MAIL SOFTWARE Anchor Computer,

Search Report from Ginger R. DeMille

Inc., 1900 New Highway, Farmingdale, NY 11735 516/293...

...Service: Training and maintenance available.

Price: Single site license, \$5,000.

Telemarketing: Sales Support: List **Management** /Database: BROCK
ACTIVITY **MANAGER** SERIES[TM]

Brock Control Systems, Inc., 2859 Paces Ferry Rd., Atlanta, GA 30339
800/221...

...series is designed to automate and support the areas of database marketing, telemarketing, sales account **management** and marketing information. It features a central relational database with integrated functions to **manage** lead generation and qualification, account **management**, field sales, order processing and customer support. Individual modules include. Telemarketing Activity **Manager**, Sales Activity **Manager**, Customer Support Activity **Manager** and Order Processing Activity **Manager**.

Specs: The UNIX-based system runs on all major hardware platforms. Minimum memory required is...

...504/291-7221

Package features: Brooklyn Bridge is a utility program for transferring files and **managing** data between any two IBM compatible computers. Users can view files and directories on both...

...source and destination drives simultaneously. Keystroke macros allow for complete automation of common operations; file **manager** provides a variety of disk **management** utilities; and the command mode allows users to share peripheral devices, such as printers tape **backup** systems, plotters, Bernoulli **boxes** and optical disks. Serial and parallel cables are provided.

Specs: Runs on any IBM PC...50 + installations.

Price: \$495 for single-user version. LAN version depends on option mix.

List **Management** /Database: Mailing System: BUSINESS MERGE/PURGE Group
1 Software, Inc., 6404 Ivy Lne., Ste. 500...

...Required operating systems: OS/DOS/VM.

Training/Service: Free training offered.

Price: \$25,000

List **Management** /Database: BUSINESS MERGE/PURGE-DUPLICATE ELIMINATION
Richard L. Fleischer & Associates, Inc., 135 Village Rd., Roslyn...

...product, provides a toll-free number and free product upgrades.

Price: Each version \$495.

List **Management** /Database: Mailing System: CAM 1 + Datamap, Inc.,
6436 City West Pkwy., Ste. 105, Eden Prairie...

...4601 Langland Rd., Ste. 106, Dallas, TX 75244 214/661-9336

Product features: This catalog **management** and control system automates catalog operations while providing complete **management**, financial and performance reporting and real-time displays. Using PICK-based Relational Data Base technology...

...XT or compatibles.

Users/Installation: More than 100,000 copies sold.

Price: \$695

Integrated: List **Management** /Database: COMPASS DESKTOP DATABASE
MARKETING Claritas Corp., 201 N. Union St., Alexandria, VA 22314 703...
manual and written tutorial.

Price: Varies based on number of modules purchased. Annually licensed.

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List **Management** /Database: CONQUEST/DIRECT Donnelley Marketing Information Services, P.O. Box 10250, 70 Seaview Ave., Stamford...

...000. Annual license, national, regional and state licenses, and multiyear and multicopy discounts available.

List **Management** /Database: CONSUMER MERGE/PURGE Group 1 Software, Inc., 6404 Ivy Lne., Ste. 500, Greenbelt, MD...

...Training/Service: Free training included. Maintenance is 15% of license fee.

Price: \$20,000

List **Management** /Database: Decision Support: COP-DB CORTEX Konsultkollegium AB, Grustagsgatan 4 S-252 64, Helsingborg, Sweden...

...800 Town Center Dr., Langhorne, PA 19047 215/757-0200

Package features: This computerized telephone **management** software for telemarketing and market research offers comprehensive program **management**, reporting capabilities. Includes scripting and fulfillment processing.

Specs: Runs on Wang minicomputers VS systems.

Price...

...VMS and LAN systems, providing combined functions of a fourth generation command language, relational database **management** system, screen "image" processor, menu system, code and report generators. It has features ranging from...

...1,500-\$90,000 for VAX/VMS (Micro Vax 1 up to VAX 897x).

List **Management** /Database: DATALIFT LIST CASER/REFINER Peoplesmith Software, P.O. Box 384, N. Scituate, MA 02060...

...that allows the user to easily move files between more than 60 popular spreadsheets, database **management** systems, statistical and vertical market applications.

Specs: Requires MS-DOS 2.1 or higher and...

...or compatibles.

Training/Service: Periodic updates are available.

Price: \$195 (\$295, DBMS/Copy Plus.

List **Management** /Database: DESKTOP DEMOGRAPHICS Compusearch Market and Social Research Ltd., 330 Front St. W., Ste. 1100...

...support available.

Price: Depends on number of modules purchased and level of geography required.

List **Management** /Database: Mailing System: DIRECT MAIL TARGETING, PROFILING AND MEASURING SYSTEM Richard L. Fleischer & Associates, Inc... currently two large third-class mailers using the system.

Price: \$50,000-\$100,000

List **Management** /Database: DUN'S DIRECT ACCESS Dun's Marketing Services, 3 Sylvan Way, Parsippany, NJ 07054...

...free help line also available.

Users: Several users in the insurance, business services, banking and **management** consultant and market research areas.

Price: Annual subscription \$49.95, plus \$2 per search and 96 cents to download each record.

List **Management** /Database: Mailing System: THE DUPDETECTIVE PLUS MODULE LPC, 1200 Roosevelt Rd., Glen Ellyn, IL 60137...

...926-6653.

Package features: The EDGE TeleBusiness Software System can be used

Search Report from Ginger R. DeMille

for sales, account **management**, customer service, direct marketing, market research, accounts receivable and recruitment. Users can develop databases, screens, call lists, calculation and branching logic, **management** reports, fulfillment literature, etc. The system can be interfaced with host systems, windowing terminals, system...

...classes, product upgrades, maintenance plans and implementation assistance.

Price: Starts at \$1,000.

Integrated: List **Management** /Database: EMPRESS Empress Software, Inc., 6401 Golden Triangle Dr., Greenbelt, MD 20770 301/220-1919...

...000 + licensees in the United States.

Price: Varies, depending on type of hardware used.

List **Management** /Database: EPSILON INSIGHT\$(TM\$) Epsilon, Inc., 50 Cambridge St., Burlington, MA 01803 617/273-0250...training classes, product upgrades, maintenance plans and implementation assistance.

Price: Starts at \$3,500.

List **Management** /Database: FORTUNE 500 PROSPECTOR MZ Group, 221 Main St., Ste. 700, San Francisco, CA 94105...

...512K memory required, 640K recommended.

Training/Service: Manual, free technical support hotline.

Price: \$499

List **Management** /Database: FOXBASE + /MAC Fox Software, Inc., 134 W. South Boundary, Perrysburg, OH 43551 419/874-0162

Package features: This Dbase language relational database **management** system features file and syntax compatibility with MS-DOS versions dBASE III PLUS and FoxBASE...Unlimited free phone support for registered users. BBS support through Compuserve FoxForum.

Price: \$295

List **Management** /Database: FOXPRO Fox Software, Inc., 134 W. South Boundary, Perrysburg, OH 43551 419/871-0162

Package features: This Dbase language relational database **management** system features file and syntax compatibility with dBase III PLUS and dBASE IV. Utilizes a...

...Price: Original program is \$495; accessories package is \$99 to \$149.

Decision Support: HARVARD PROJECT **MANAGER** Software Publishing Corp., 1901 Landings Dr., Mountain View, CA 94039-7210 415/962-8910

Package Features: Harvard Project **Manager** is a comprehensive business tool for implementing project **management** techniques. Program assists in scheduling activities, meeting deadlines, controlling costs and resources and maintaining project...Systems, 12842 Pennridge, Bridgeton, MO 63044 314/298-0599

Package features: Package provides sales lead **management** and market analysis. Features include sales lead notices, mailing labels, personalized letters, "hot" lead notices...

...195, LePrint standard package (five type styles); \$495, LePrint Extended Package (28 type styles).

List **Management** /Database: LIGHTHOUSE DIRECT MAIL SYSTEM Lighthouse Business Systems, 233 W. Central St., Natick, MA 01760...

...disk drive.

Training/Service: Manual, technical phone assistance available.

Price: \$99, plus \$6 shipping.

List **Management** /Database: LIST CONVERSION Group 1 Software, Inc., 6404 Ivy Lane, Ste. 500, Greenbelt, MD 20770...

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...Training included at no charge. Maintenance is 15% of license fee.

Price: \$15,000

List **Management** /Database: Mailing System: THE LPC UTILITY LPC, 1200 Roosevelt Rd., Glen Ellyn, IL 60137-6098...full package, \$975; multiuser demo, \$40, full package, \$1,975.

Mailing System Integrated MAIL ORDER **MANAGER** Dydacomp Development Corp., Box 641, Wayne, NJ 07470 201/694-0779

Package features: Mail Order **Manager** provides full support for retail mail order catalog operation with provision for small mix of...

...On-site training and 24-hour hotline available.

Price: \$15,000-\$35,000

Decision Support: **MANAGEMENT** ASSESSMENT AND TRAINING PROGRAMS Thoughtware, Inc., P.O.Box 011151, 201 S. Biscayne Blvd., 3200...

...854-2318

Package features: These are software programs which help the user assess and develop **managerial** skills using graphics, animations, simulations and self-assessments.

Specs: IBM PC, /XT, /AT and all...

...Training/Service: Manual and technical phone assistance.

Price: \$99, plus \$6 shipping and handling.

List **Management** /Database: MARKETPULSE Computer Corp. of America, 4 Cambridge CenterR, Cambridge, MA 02147 617/492-8860...

...response programs. It provides users with immediate access to tens of millions of records for **management** planning, segmentation and analysis purposes. The product is designed with user-friendly, PC-based graphical... Package features: Markettrieve Plus is sales force automation software which encompasses telemarketing, field sales, sales **management** and marketing **management**. Users can perform prospecting, account and contact **management**. Features include quick access to data, searching by company, contacts, telephone number and other keys...

...support include all enhancements and updates to product.

Price: \$1,000 minimum per user.

List **Management** /Database Decision Support THE MAXIMIZER Richmond Software, Inc., 420-6400 Roberts St., Burnaby, B.C. V5G-4C9 Canada 604/299-2121

Package features: The Maximizer contact **manager** software offers ways to **manage** business contacts, including a simple method to store names and addresses, track history, search and...

...the LAN.

Training/Service: User support telephone line.

Price: \$295, single user; \$695, LAN.

List **Management** /Database Mailing System MERGE/PURGE/DUPLICATE ELIMINATION SYSTEM Richard L. Fleischer & Associates, Inc., 135 Village...

...Training/Service: 24-hour hotline available with product maintenance.

Price: \$1,000-\$3,000

List **Management** /Database: Mailing System: Decision Support: MIGHTY MAIL Software Blueprints, Inc., 9895 SE Sunnyside Rd., Ste...

...97015 800/888-2917; 503/653-7877

Package features: Mighty Mail is a mailing list **management** system for microcomputers; FoxPro source code included. Input: manual, OCR, ASCII, Tape and dBase. Advanced format conversions. Output: cheshire and sticky labels, letter merge, mail merge, **management** reports and geographic

Search Report from Ginger R. DeMille

analysis. Restart printing; dead letters and duplicates; bulk rate sortation; automatic transaction...

...floppy diskette drive.

Training/service: Manual, tutorial, phone support available.
Maintenance included.

Price: \$395

List **Management** /Database Mailing System MOME (MAIL ORDER **MANAGEMENT** EXPERT) International Software Technology, Inc., 1112 7th Ave., Monroe, WI 53566 800/356-0022; 608...

...comprehensive relational database handles on-line inventory control, shipping and fulfillment, order processing, mailing list **management**, advertising analysis and report writing.

Specs: System runs on IBM PC or compatible, 384K RAM...

...installation.

Users/Installation: More than 600 users.

Price: \$14,000-\$89,000

N

Integrated: List **Management** /Database: NAMEBASE+ CompuSystems, Inc., 4105 W. Jefferson Blvd., Fort Wayne, IN 46804 219/436-0522...

...from order taking to financial accounting. The system has three on-line subsystems: Sales/Order **Management**, Inventory/Product **Management** and Financial Accounting.

Specs: Runs on Data General's entire MV product line.

Training/Service...

...rewards, communication and recognition.

Specs: PC-based; company also has a service bureau and can **manage** the program in-house.

Training/Service: User manual provided with on-site training and support...CA 94404 415/571-0222

Package features: This package is used for developing business data **management** applications. Available for both IBM and MacIntosh computers. Respective versions utilize the graphical interface, enhanced...

...Access III is a multifunction software package for growing businesses, built around a relational database **management** system. It offers word processing, a spreadsheet, graphics, electronic mail, appointment scheduling, phone book with...

...Solutions, 1603 New Brunswick Ave., Sunnyvale, CA 94087 408/736-4576

Package features: Order Desk **manages** customer information, orders, products, billing and fulfillment for small and medium-sized mail order businesses...disk with 4MB of space.

Training/Service: Manual included; phone support available.

Price: \$199

List **Management** /Database: Integrated: Sales Support: PERFORMER Performer Systems, Inc., 161 S. Junipero Serra, Ste. B, San...
...300-8570

Package features: Performer Ver. 2.0 (Professional) automates business aspects of account/contact **management**, time **management**, sales lead tracking, personalized correspondence, list **management** and in and outbound telemarketing.

Specs: Runs on IMB PC, /XT, /AT or compatibles{ 520K...

...Training/Service: Unlimited free phone support.

Price: \$295, single-user; \$695, multiuser; \$10, demo.

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List **Management** /Database: PER/LIST P.E.R. Software, Inc., 38109 87th St., Burlington, WI 53105-8542 800/FOR-MAIL; 414/537-4131

Package features: PER/List is a list **management** system which contains interactive list definition/maintenance, label definition, text editor, sort/select capabilities, label...

...from \$3,000-\$39,000, based on processor model/size and on modules installed.

List **Management** /Database: PERSONATOR NAME SPLITTER/GENDERIZER Peoplesmith Software, P O. Box 384, N. Scituate, MA 02060...

...8910

Package features: First Choice is an integrated software package, combining word processing, spreadsheet, file **management**, communications and graphics. Vendor also offers LAN Pack, another package which enables up to five...

...packages -- Clip Art, \$39; Business Template Kit, \$89; Font Library, \$75; DeskMate Version, \$149.

List **Management** /Database: POWERBASE Compuware Corporation, 31440 Northwestern Hwy., Farmington Hills, MI 48018-5550 313/737-7300...

...has import/export facilities to support information exchange with spreadsheet, word processing and other database **management** systems.

Specs: Program runs on IBM PC and compatibles; ver. 2.3 requires 1.5MB...

...multiuser LAN version (five users); additional user versions are \$195 for every five users.

List **Management** /Database: PROFESSIONAL FILE Software Publishing Corp., 1901 Landings Dr., P.O. Box 7210, Mountain View, CA 94039-7210 415/962- 8910

Package features: Professional File is a database **management** program in which users can access, organize and analyze data. Program allows direct access to...

...7210, Mountain View, CA 94039-7210 415/962-8910

Package features: Professional Write is a **managerial** word processing program. It offers a graphical page preview, allowing users to view documents and...

...and installation assistance and consulting services offered.

Price: Varies according to system configuration.

Telemarketing: List **Management** /Database: Sales Support: PROFILE 2000 Coral Companies, Inc., 1050 17th St., Ste. 1800, Denver, CO...

...2000 interfaces with all telecommunications equipment to automate calling center operations, including database updates and **management**, list segmentation, scripting and call history. Its applications include lead generation, customer services, order processing, credit and collections, and account **management**.

Specs: Designed to operate on UNIX-based miniframe hardware and can also be interfaced to...

...Pro-Mail is a turnkey computer system designed for the direct mail industry. Its Business **Management** System is designed to integrate and automate all office functions. Modules include order entry, production control, inventory control, postage accounting, purchase orders, invoicing, sales **management**, sales analysis, accounts receivable/Payable, general ledger and payroll. The package's Computer Profit Center is designed to provide user with revenue-generating services, with such modules as list

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management , merge/purge, presorting, carrier routing, ZIP validation, ZIP+4, computer letters, list enhancement, tape processing...

...export capability, a telephone dialer, pop-up scripting (on DOS only) and a Bulk Mail **Manager** [TM].

Specs: Operating systems: MS-DOS, PC-DOS, XENIX and UNIX. Can run in single...

...OH 44512 216/726-3800

Package features: The Quick Order Processor is a turnkey catalog **management** /fulfillment system for direct mail catalogers. Its functions include on-line order entry, perpetual inventory control, customer service, financial analysis, customer list **management** , sales and advertising analysis, retail store **management** , office automation, electronic credit card processing and comprehensive **management** reporting system.

Specs: A PICK-based software system, it runs on the Mentor Computer System...

...more than 75 catalogers.

Price: Subject to system size and program enhancement required.

R

List **Management** /Database: RESIDENT LIST **MANAGEMENT** SYSTEM Richard Fleisher & Associates, Inc., 135 Village Rd., Roslyn Heights, NY 11577 516/621-2826

Package features: The system maintains and **manages** resident lists securely, ensuring tight security, minimizing personnel time and paperwork. Operational on IBM system...

...Ferry Rd., #F-130, Marietta, GA 30067 404/578-0000

Package features: This mail order **management** software is designed to provide mail order companies with **management** and fulfillment functions, including order entry, customer service, inventory control, credit card processing, UPS manifesting, back order processing and **management** reporting. The PC-based system ...507/286-9232

Package features: Results/PLUS is a fund development system for donor profile **management** , gift and pledge solicitation and tracking, reporting and mail **management** . It contains both standard and custom reporting functions. Also includes a searchable notepad, duplicate checking...

...support, newsletters and on-site training.

Price: Single-user systems start at \$5,000.

List **Management** /Database: Sales Support: Telemarketing: RIFLESHOT Target Microsystems, Inc., 444 Castro St., Ste. 400, Mountain View, CA 94041 800/735-5776

Package features rifleshot is a sales/marketing database **management** system with a wide range of database marketing and computer-aided selling capabilities, including on-line telemarketing, call scheduling, prospect tracking, automated sequential mailings and contact reports for **managers** . Package also features as many as 52 fields which can serve as sort keys, of ...

...Package features: SaleMaker is an integrated marketing and sales system specializing in lead and prospect **management** . It can be used for lead generation/tracking, inquiry handling, telemarketing, direct mail, account maintenance...

...300, Vienna, VA 22182 800/32-0030; 703/790-3422

Package features: SalesCTRL 2 is **management** software for the sales/marketing team. It is designed to increase productivity and profitability by...Training (plus \$6 shipping and handling); \$99, Sell

Search Report from Ginger R. DeMille

Applications (plus \$6 shipping and handling.)

List **Management** /Database: Decision Support: SM/2 SmartNames, Inc., 800 W. Cummings Park, Ste. 4400, Woburn, MA...
...and segmentation and provides customer profiles and models for scoring and ranking names. Program generates **management** reports, including customer profiling, mailing results analysis and financial forecasting and analysis. SM/2 analysis...

...features: TeleMate is a call accounting system that tracks telephone use and expenses and provides **management** analysis, site reference, exception analysis and trunk/line analysis reports. Add-ons include PHONE BOOK...

...Installations: More than 1,700 users.

Price: \$1,395 and up.

Sales Support: TERRITORY MANAGEMENT **SYSTEM** [TM] Sudor Corp., 6251 N. Camino Esquina, Tucson, AZ 85718 602/299-0651

Package features...

...support are provided.

Users/Installations: More than 3,500 users.

Price: \$150

Z

List Management/ **Database** : Z4PLUS R.L. Polk & Co., Software Services, 400 Pike St., Cincinnati, OH 45202-4280 ...Training/Service: Maintenance costs are \$1,000 per year.

Price: \$10,000-\$30,000.

List **Management** /Database: ZIP+4/CARRIER ROUTE (ZCR) BARCODE SYSTEM First Data Resources Inc., 7302 Pacific St...

...customer service; barcode shipping system, UPS manifesting, automatic credit card authorization and deposit and warehouse **management** . Also provides inventory forecasting, demand and sales reports, source key, catalog and product analysis reports. Optional modules include: mail list **management** , list rental, retail point of sale, continuity, telemarketing and financials.

Specs: Runs on the PICK...

10/3,K/43 (Item 20 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04124447 SUPPLIER NUMBER: 08044951 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Aluminum-air battery challenges the genset. (emergency power supply systems)

Electrical Review, v222, n17, p28(1)

Sept 6, 1989

ISSN: 0013-4384

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 582

LINE COUNT: 00045

... will bring in the aluminium cells automatically to provide a further 48h or more of **back - up** power.

The aluminium **cells** are activated by pumping a potassium hydroxide electrolyte through them. Once this has passed through...

...twice that of the lead cells.

Malcolm Hughes, Chloride Standby Power's sales and marketing **manager** , sees the aluminium battery's compact size as a strong selling point. It means that...

10/3,K/44 (Item 21 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03938418 SUPPLIER NUMBER: 07118768 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Computer crime: detection and prevention.

Gilbert, Jerome

Journal of Property Management, v54, n2, p64(3)

March-April, 1989

ISSN: 0022-3905

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1791 LINE COUNT: 00148

... Offsite storage. To protect records from perpetrators and natural disasters, many companies choose to store **backup** information in **vaults** outside of their offices. Construction details and security practices together can make a corporation's...

...DESCRIPTORS: **Management ;**

10/3,K/45 (Item 22 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03852728 SUPPLIER NUMBER: 07286167 (USE FORMAT 7 OR 9 FOR FULL TEXT)

TurboTax. (Software Review) (one of four evaluations in 'Countdown to April 15: Four Personal Tax-Preparation Programs') (evaluation)

Meadows, Laura Lou

PC Magazine, v8, n4, p376(1)

Feb 28, 1989

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 638 LINE COUNT: 00047

... done before carrying the number to the protected cell. If I want to circumvent laborious **backup** for protected **cells**, there is an override on the menu.

You may wish there were a genie at...

...the year using Intuit's Quicken, Star/Monogram's Dollars & Sense, MECA's Andrew Tobias' **Managing** Your Money, or a spreadsheet that will produce an ASCII file, you can now import...

10/3,K/46 (Item 23 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03726416 SUPPLIER NUMBER: 06564578 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The nuclear waste problem: how to dispose of the undisposable?

Merz, Beverly

JAMA, The Journal of the American Medical Association, v260, n5, p601(2)

Aug 5, 1988

ISSN: 0098-7484

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1222 LINE COUNT: 00095

... in New York City, issued an analysis of the problems the DOE has encountered in **managing** wastes from 19 nuclear-weapons manufacturing plants. In pinpointed violations of state and federal environmental...

Search Report from Ginger R. DeMille

...m (1480 ft) into the mountain into a dense tuff formation, which will house a **honeycomb** of **storage** rooms. Eventually, 70 000 metric tons of wastes, packaged in metal containers, will be loaded...

10/3,K/47 (Item 24 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03673240 SUPPLIER NUMBER: 06526676 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Five fills a need. (Feature Interactive Verification Environment, a new AT & T test facility)
Johnson, Robert L.
Telephony, v215, n2, p21(2)
July 11, 1988
DOCUMENT TYPE: evaluation ISSN: 0040-2656 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 976 LINE COUNT: 00078

... condition.

Switching operation continued without degradatdion unitl --40.8V, when call processing was lost. The **backup** load **boxes** were removed, voltage was restored, and system recovery was started. The AT&T restoration procedures...

...unusual configuration of 600 ISDN voice lines and 1500 analog lines.

An experimental office with **managers** , supervisors and secretaries was set up.

C&P wanted to reproduce as many real life...

10/3,K/48 (Item 25 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03324013 SUPPLIER NUMBER: 06062087 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Whipping resistance. (from employees to computer-integrated manufacturing)
Rohan, Thomas M.
Industry Week, v235, n3, p68(6)
Nov 2, 1987
CODEN: IWEEA ISSN: 0039-0895 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 4003 LINE COUNT: 00311

... a computer-integrated manufacturing (CIM) system working right was a piece of cake. But some **managers** have found it's a far longer and more frustrating journey than they figured in...

...A survey by a Boston group on the obstacles to implementing CIM found that top **management** 's concern after the operation was financially approved was whether it would ever pay off. **Managers** were apprehensive over whether it would start up on time and within budget. Most believed...

...run into considerable internal resistance in companies are many. They include near rebellion by middle **managers** who resent a system being forced on them. At the other extreme are frustrated start...
...systems do get going because so much money has been invested in them that top **management** will throw everything it has at the project in terms of more money and inside...

...conceived by a corporate headquarters official or committee and then pushed down onto a plant **manager** .

"These cases where systems decided upon in high, faraway places are imposed on local **managers** constitute a major obstacle to implementation,' says Charles Downey, vice president of marketing for Gould...

...find that imposing a system is almost a sure-fire formula for failure. For a **management** -information systems (MIS) group or an executive committee to come along and tell the guys...

...in the system specification. As a matter of fact, there's growing friction between local **managers** and top **management** just because of this sort of thing. We see it all the time,' Mr. Downey...

...there's a lot of resistance.'

Mr. Downey recalls that in one multiplant company, corporate **management** decided its Tennessee plant needed an integration of process controls with a host computer. But the **manager** , who was under tremendous pressure to get out production, resisted so strongly--not even attending...

...plant was certainly a strong candidate for the project,' Mr. Downey recalls, "but the plant **manager** thought he was being stuffed from above and just wasn't buying into the idea...

...thought given to the people who will run them--which in turn complicates the middle **manager** 's task of getting it running.

"This is a common practice with design engineers,' says...it had already installed several computer-operated manufacturing cells that weren't producing results.

But **management** was reluctant to move.

"The system had been imposed on the plant, and the workers had never been trained,' Mr. Schwenk says. "The **management** had simply appointed some men to run the new machines after they arrived.

"To overcome...

...the people gained more confidence in the system, they became more cooperative. Top and middle **management** spent a lot of time and effort on the pilot plant, and it became a showcase.

The overhaul was hugely successful from a **management** point of view, but it still created other problems. The skilled workers who were assigned ...

...it took drastic methods to reverse the situation.

"This was a case in which the **managers** were not getting the productivity out of their new system because people didn't want...

...strong and militant union. The workers were openly contemptuous of most of the first-line **managers** . Work going through the new machines was sometimes slowed down intentionally.

"The lack of respect for **management** was probably the most critical issue. And top **management** conceded that the attitude was probably deserved and needed attention.'

A bold stroke was decided...

...the floor. Union leaders were invited to attend. And for several weeks lectures on basic- **management** practice were given to the supervisors in the presence of workers.

"Yes, there was a risk of showing up frontline **management** ,' Mr. Schwenk admits, "but it was successful. Afterward we got feedback from the

workers that...

...machines. And work was diverted to them when the new machines weren't delivering.

Top **management**, at Mr. Schwenk's urging, announced in strong terms to the middle **managers** that the old machines were being kept for other work and as provision for expansion. And they were not to be used as a **back - up** for the new **cells**.

"IT WON'T WORK." Much of the apprehension concerning a new system by both middle **managers** and workers is caused by disbelief that a radically new technology will really work. They...

...WILL IT WORK? Back at Andover, Mass., a Gould survey confirmed the apprehension of middle **managers** about taking too big a jump. "Their ... time and at the cost predicted," Gould's Mr. Downey says.

"That's why middle **managers** are not aggressive in pursuing CIM opportunities. They're apprehensive over chances for success in...

...projects working, and this makes it easier for the big ones later. We also sent **managers** and workers to IBM, Digital Equipment, and similar places to see the technology working.'

STUDY...

...they saw the advanced technology at work. The union leaders, too, saw how much computer- **managed** automation could accomplish and why we had to go into it.'

Much of the technology...

...College Station, Tex., facility.

OUT OF SYNC. Often, it seems, problems in getting a computer- **managed** machine operation up to standard performance are due not to the system but to the...president of Litton's Integrated Systems Group, Hebron, Ky. "Companies typically have operations groups and **management** -information systems groups that have their own functions but get into trying to put together...

...flexibility into a hard automation system.'

Probably one of the greatest stimulants to making middle **managers** step up their CIM integration efforts is that old standby--making them realize anew how...

...on first-time-through production.

Photo: Schwenk: "The workers were openly contemptuous of . . . first-line **managers** .'

Photo: Murrin: "The union leaders saw how much computer- **managed** automation could accomplish and why we had to go into it.'

Photo: Giddings & Lewis encountered...

...Automation executives (left to right) Keith Wheeler, Lloyd Robertson, and Robert Douglas say many plant **managers** wrongly assume that a smooth-flowing operation will naturally result from a good system design.

...DESCRIPTORS: Personnel **management** --

10/3,K/49 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02112288 SUPPLIER NUMBER: 19905075 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ATM for the rest of us. (inverse multiplexing for ATM) (includes related

article on how technology works) (Technology Information)

Hurwicz, Mike

Network, v12, n12, p75(4)

Nov, 1997

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3820 LINE COUNT: 00285

ABSTRACT: Inverse multiplexing (IMA) for ATM makes the high-speed technology more attractive by letting network **managers** deploy only the amount of bandwidth needed in a given situation. Wide-area ATM connections

... sec to 12Mbps/sec, is available to MCI's HyperStream ATM customers. Claire Lewis, senior **manager** of MCI's broadband cell services, says demand for the service is high, especially as...destruction of the CO is likely to affect both the primary connections and the **backup**.

The ADC Kentrox **boxes** form a small, private, IMA-based network. Although PTI installed and configured the ATM concentrators...the cells into a single stream at the other end. The standard also defines link **management** and device **management** procedures, as well as procedures for connecting to cell sources and for providing cell adaptation...

10/3,K/50 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01999447 SUPPLIER NUMBER: 18829817 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Australia - StorageTek Finds Adventure Amid The Petabytes.

Newsbytes, pNEW11010038

Nov 1, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 238 LINE COUNT: 00022

TEXT:

...backup isn't heavy on romance which is probably why StorageTek gives its automatic tape **backup boxes** adventurous names like Timberwolf, WolfCreek and PowderHorn.

... is great because we can hold up our margins," says Jeff Hodgkins, StorageTek Australia's **managing** director, pointing to booming corporate data growth Down Under. Australian disk storage is expected to...

10/3,K/51 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01925959 SUPPLIER NUMBER: 18166530 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ISDN: just do it. (ISDN Solutions) (Buyers Guide)

Jainschigg, John

Teleconnect, v14, n4, p34(14)

April, 1996

DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2589 LINE COUNT: 00210

... attach more than one BRI, for even faster connections.

ISDN dial-backup equipment. ISDN dial- **backup boxes** protect your company's leased-line communications by reconnecting facilities over ISDN when leased digital...

...4-SIGHT LC.

4-Sight LC.'s (West Des Moines, IA--515-221-3000) ISDN **Manager** software is a specialty package to support publishing companies transferring prepress document and image files...

...like Quark Express so transfers don't require a communications genius. Price: single line ISDN **Manager** (ISA or Nubus): \$2,795 - PCI Bus\$2,995, Quatro (Nubus only) \$5,495.

ADTRAN...

...units. A great feature is that there are less units to plug in, cable and **manage** -fewer parts and connections mean increased reliability and centralization of control. The 130 series supports...on nonframe relay circuits. The Pipeline 130 supports 4:1 data compression and can be **managed** via SNMP, Telnet or out of band by an RS-232 terminal. With BRI and...

...wonderful introduction to ISDN BRI technology. Aimed at potential Internet surfers, work-at-homers (and **managers** of same), the book runs down the technical basics and terminology, covers the installation of...

...DESCRIPTORS: Telephone **Management** Device...

10/3,K/52 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01799751 SUPPLIER NUMBER: 17087430 (USE FORMAT 7 OR 9 FOR FULL TEXT)
(Even better) backup from Palindrome.(Network Edition)(First Looks)
(Software Review)(Evaluation)

Garris, John

PC Magazine, v14, n13, pNE25(2)

July, 1995

DOCUMENT TYPE: Evaluation ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1037 LINE COUNT: 00083

...ABSTRACT: that backing up a 770MB server drive takes less than a half hour. Target Service **Agent** (TSA) programs perform **backup** of NetWare servers and DOS, OS/2 and Windows clients. Backup Director 4.0 offers... alerting and reporting mechanisms. In addition, Version 4.0 is compatible with Novell's Storage **Management** System (SMS). All in all, this is a great new product designed to meet all...

...Backup Director also has Cue Cards, which help new users get started. When you press **Backup**, dialog **boxes** take you through all the steps necessary to perform your first backup job. These Cue...

...The Central Console acts as a launch pad for a set of five programs called **Managers**, which handle all your **backup** chores. For example, you run the Resource **Manager** to **back up** or restore NetWare volumes or client drives; you run the Media **Manager** to browse through **backup** tape sets.

EASY GETTING STARTED

Installation was fairly straightforward and took about an hour. First ...

...1 server on a Compaq Systempro XL 486/33 with 32MB of RAM. Our Windows **management** client was a Compaq Deskpro 486/33 with 16MB of RAM. We used an

HP...

...more than a minute to fetch job information from the server.

Palindrome uses Target Service **Agents** (TSAs) to **back up** NetWare servers and DOS, OS/2, and Windows clients (a Macintosh agent is in testing ...

...s Norton Enterprise Backup).

Leave the Driving to. . .

Backup Director does a great job of **managing** your back- up media. It keeps track of all your tapes and automatically prompts you...

...to you by NetWare broadcast, by MHS-based mail, or by standard SNMP alerts to **management** consoles such as Novell NMS or HP OpenView.

One File At A Time

You use **Backup** Director's File **Manager** program to **back up** or restore individual files or directories. It gives you an integrated list of all files...

...and scripts to tag the exact files you want.

Our only problem with the File **Manager** was that it was relatively slow. If you have intricate directory structures you may find yourself waiting a while to browse through the file system.

File **Manager** also lets individual users restore their own files--a big plus for network administrators, who...

10/3,K/53 (Item 5 from file: 275)

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01711658 SUPPLIER NUMBER: 16262691 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sharpening the focus on visual programming. (Visual Programming)

(Tutorial)

Bonner, Paul

Windows Sources, v2, n12, p114(8)

Dec, 1994

DOCUMENT TYPE: Tutorial ISSN: 1065-9641

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3527 LINE COUNT: 00278

... If you expect your applications to achieve much of anything, though, you'll have to **back up** your buttons, dialog **boxes**, and other interface elements with code.

Let's say you need to add a button...This is the best way to create database applications.

Reality

As the data-access and- **management** capabilities of visual programming tools improve, the question naturally ...applications. Go with a visual programming tool for less-specialized applications that include a data-**management** component.

Visual Basic

Visual Basic 3.0 provides a fairly powerful collection of database tools...

10/3,K/54 (Item 6 from file: 275)

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01688339 SUPPLIER NUMBER: 15512393 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The problem with power. (uninterruptible power supplies)
Kador, John
MIDRANGE Systems, v7, n10, p38(1)
May 27, 1994
ISSN: 1041-8237 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1274 LINE COUNT: 00100

... an RS/6000 Model 52. The system includes two 680MB drives, a 1.35GB tape **backup**, four multiport **boxes**, and four modems. This entire system is protected by a Smart-UPS Series 1250 system...

...lost. After eight minutes of battery operation, the system sends warnings to the console and **managers**. These warnings indicate the system will undergo automatic shutdown in five minutes if power is...

...relies on a network of 25 PCs and terminals attached to an AS/400 to **manage** more than 12,000 multifamily units in three states as well as a large number...

...board, we will never have to suffer from delays caused by power outages."

CENTRAL POWER MANAGEMENT

While many corporations have been working to set up centralized **management** of remote network installations, users are just beginning to centrally monitor the status of electrical...

...central console to monitor the status of a UPS and its battery backups.

To centrally **manage** a UPS at remote sites, Raleigh, N.C.-based Exide Electronics' OnliNet 3.0 Basic...

...workstation to monitor multiple UPSs across an Ethernet or Token-Ring LAN.

The ability to **manage** UPSs from a central location attracted Walgreens to OnliNet 3.0. The Deerfield, Ill.-based...

10/3,K/55 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01556255 SUPPLIER NUMBER: 14206690 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Back up or bomb out. (Unix systems are not known for reliability, but backup up and recovery products are now available) (Unix System User supplement)

Dudman, Jane
IBM System User, v13, n11, pS8(2)
Nov, 1992

ISSN: 0950-303X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1781 LINE COUNT: 00137

ABSTRACT: RISC-based Unix systems provide undeniable price/performance benefits, but the systems **management** tools available for these systems are not as mature as those for more established proprietary...

... commercial systems within an open architecture can mean making difficult decisions about levels of system **management** and administration. At a recent briefing, disaster recovery and security specialist Ken Wong gave a...

...seriously. They are aware that Unix systems suffer, in general, from

having less mature systems **management** tools than most of the well-established proprietary ranges. As a result they are now...

...back up and that available for its other ranges. Ron Beal, IBM's AIX product **manager**, says AIX storage options should not be compared to the mainframe environment which makes much...

...giving the AIX kernel commercial strength. What has gone into AIX are the standard systems **management** functions that any commercial system has to have.'

AIX includes IBM's systems **management** interface tool (SMIT), a menu-driven frontend for systems **management** tasks (including installing and handling storage devices). Beal also points out that the file system...

...that beset some of the earlier Unix systems.

IBM has also developed the logical volume **manager**, which extends standard Unix disk **management** and enables the systems administrator to scan physical disks and reassign data to particular disks...

...to short-term financial considerations.

This is a cause of some concern to David Long, **managing** director of ABS, the Brighton-based Unix supplier. 'There are many ways of ensuring that...

...Aviion RISC-based range, and Sun Unix systems.

Dave Chalmers, Data General's product marketing **manager**, says Clariion marks the 'growing up' of the open systems market. 'With the Aviion systems...

...personality kit' - a three-part kit, installed in the AIX box, comprising controller, driver and **management** software.

Cost is uppermost in Data General's mind and the company is selling three...already feel that Unix systems are well on the way to being as easy to **manage**, and as secure, as the traditional platforms. Stephen Hague, project **manager** at Derbyshire County Council, has been running an expanding network of RS/6000s for the...

...function, which is wrapped inside a shell script. 'We have never had any real problems **managing** the storage, and taking back ups has proved to be invaluable,' comments Hague. 'It is...

...quickly.'

The key issue as Unix systems continue to develop is going to be the **management** of storage subsystems from the host. This is an area of systems **management** which is very mature in the proprietary mainframe and midrange arena, and again vendors are...

...some announcements in this area.

Software company Raxco, which has specialised until now in systems **management** and security tools for DEC-based systems, provides one example of a company keen to...

...the Unix tools market. Earlier this year, it bought a suite of six Unix systems **management** and **back up** tools from Systems Center. John Jolley, Raxco's UK sales **manager**, says Raxco, which already sells some Unix back up software, views automated operations in the...

...wanted to return to its core business, since it had not found the Unix systems **management** market profitable.

There is no doubt that the number of options for Unix back up...

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...users, having plumped for the price/performance of open systems, will be so willing to **back up** their cheap Unix **boxes** with expensive subsystems.

As ABS' David Long puts it: 'While AIX proclaims to deliver as...

...DESCRIPTORS: Network **Management** ;

10/3,K/56 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01551169 SUPPLIER NUMBER: 13073835 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Securing the perimeter: can midrange sites survive without a UPS to back them up? (uninterruptible power supply) (includes related article on harmonics)

Krivda, Cheryl D.

MIDRANGE Systems, v5, n24, p16(3)

Dec 22, 1992

ISSN: 1041-8237

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2440 LINE COUNT: 00191

... a company's lifeblood systems, today's UPS systems can be intelligent, interact with systems **managers** , and offer additional features such as power conditioning. State of the art UPSs offer increased ...

...can be protected for as little as \$200, making for thorough -- yet less expensive -- UPS **backup** .

To their disadvantage, many midrange **managers** apparently have not yet heard the news. Industry watchers calculate that only 30 to 40...

...UPS provides backup power, notifies the user, and offers a range of potential solutions.

System **management** can command the system to execute a variety of steps, such as reducing the load...

...feel that's the real direction for UPSs," Graves says. "When you talk about actively **managing** the system, users can see the value in a UPS."

An intelligent UPS must be...

...But it is not only the UPS vendors that are changing the role of the **backup boxes** . As sites move away from the glass house of centralized MIS to distributed computing, UPSs...

...PC or on the AS/400, any failure is localized," he explains.

But some system **managers** worry that distributed computing means a corresponding increase in prices due to the number of...that allow self-testing and reporting of all UPSs in a wide area network. Network **managers** can use the products to **manage** a large contingent of UPSs without giving up control over the products or knowledge about their availability. These **managers** may be able to save time and effort spent physically checking each unit.

2:12...

...distributed devices.

So why the slow midrange move to UPS protection? Tom Pfendler, market development **manager** for Liebert (Columbus, Ohio), suggests that midrange awareness is less developed. By comparison, mainframe sites...

...S/36 users, using a UPS can be difficult, experts say. Chris Goebel, UPS

Search Report from Ginger R. DeMille

product **manager** at Sola (Elk Grove Village, Ill.), says that the S/36 cannot perform an orderly...

...value of the midrange data. Davis believes that distributed processing and downsizing are helping corporate **managers** better identify the need to protect all components of the system. And with the plummeting...

...is affordable.

Increasing awareness about the likelihood of power failure also may help convince system **managers** to invest in protection. "There are two things that make people understand what a UPS real and the cost of replacement has a high price tag, midrange system **managers** will listen.

8:45 p.m. Another business day over, only the systems programmers and ...

...hardware damage but in the savings over lost productivity had the system been unavailable. System **management** generated a report from the UPS detailing activity for the day. Satisfied with the results, **managers** retire for the evening.

One More Problem

Harmonics disrupts network harmony

As if failures and...

...the proliferation of computers in business is causing another set of power problems for systems **managers** .

When multiple computer systems operate on a given power line, they feed noise back into...

...solution is to use UPS products that provide power conditioning, according to Dina Deryan, communications **manager** for Clary (Monrovia, Calif.). If equipment is unprotected, harmonics can be damaging, she says. And...

...DESCRIPTORS: **Management** of EDP

10/3,K/57 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01545243 SUPPLIER NUMBER: 12859487 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Spikes, sags, surges and noise: today, automated software and

SNMP-compatible UPS units can keep your network printing. (Simple Network

Management Protocol)(uninterruptible power supply) (Tutorial)

Levine, Ron

LAN Computing, v3, n11, p21(4)

Nov, 1992

DOCUMENT TYPE: Tutorial ISSN: 1055-1808

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2158 LINE COUNT: 00172

...**today**, automated software and SNMP-compatible UPS units can keep your **network printing. (Simple Network Management Protocol)(uninterruptible power supply) (Tutorial)**

ABSTRACT: Uninterruptible power systems (UPSs) and network **management** software for monitoring Simple Network **Management** Protocol (SNMP)-compatible UPSs can automate the protection of local area networks (LANs). Power problems...

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...sources, installation of a suitable UPS to protect against the problems and SNMP-based network **management** software to track UPS functioning and alert users of power events.

... original locations on the LAN.

Some of the newer software power-protection programs provide LAN **managers** with the means to monitor and reduce their network power load, thus reducing the power...

...Today, automated UPS monitoring software packages are compatible with popular network operating systems like LAN **Manager** , LAN Server and NetWare.

Recently, a few UPS vendors have announced Simple Network **Management** Protocol-compatible UPS units. SNMP conformity eliminates device and network compatibility problems, and allows a LAN **manager** to monitor the health of all components on a LAN (or WAN) from one central point.

Under the SNMP protocol, network devices gather information into a database called a **management** information base. The NOS collects the contents of each MIB and compiles that database into...

...protected, as they contain the most up-to-date file versions on the LAN.

LAN **managers** may also want to provide power **backup** for the concentrator **boxes** that support their cabling. Any power-assisted cabling devices that are not protected go down...

...DESCRIPTORS: Simple Network **Management** Protocol...

...Network **Management** Software...

10/3,K/58 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01281732 SUPPLIER NUMBER: 07897464

Cleaning house: a few tips for keeping the LAN running.

Reddy, Shyamala

LAN Magazine, p84(4)

Sept, 1989

ISSN: 0898-0012

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: time and can handle upgrades and cable checks. Research shows that companies use one LAN **manager** for every 100 nodes on the average for in-house jobs. Simple maintenance, such as...

...times each day. In the name of security many companies have taken to holding their **back - up** tapes in **vaults** off-site.

10/3,K/59 (Item 11 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01251651 SUPPLIER NUMBER: 06812993

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Internal tape-backup technology not yet a hit with majority of users.

Kay, Emily

PC Week, v5, n27, p85(1)

July 4, 1988

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 568

LINE COUNT: 00044

Search Report from Ginger R. DeMille

... tape-backup manufacturer's device in its machines, also offers optional snap-on extension tape- **backup boxes** for its portable PCs, Ms. Globe noted.

Compaq sells internal units in capacities of 10M...

...tape-backup device.

"We use internal tape backups on all our machines," said Sherrie Burger, **manager** of office information systems for Blue Cross/Blue Shield of Illinois, based in Chicago. "We...

...its new PS/2 line of computers, said Eric Strassman, the company's MIS project **manager** .

"We're an all-IBM environment," according to Mr. Strassman. "If IBM were to do...

10/3,K/60 (Item 12 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01236394 SUPPLIER NUMBER: 06182012 (USE FORMAT 7 OR 9 FOR FULL TEXT)

See time running out on AMD's fight for 386 as talks drag on. (Advanced Micro Devices Inc.)

Thompson, John

Electronic News, v34, n1689, p1(2)

Jan 18, 1988

ISSN: 0013-4937

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1829 LINE COUNT: 00139

... for the 80386, than there is supply," said Dave House, senior vice-president and general **manager** of Intel's Microcomputer Components group. "We're up to runrate demand, but we're...

...scarcity of the part, especially to users at the mid-to-lower level, has spurred **backup** plans which involve **boxes** designed around the 16-MHz 80286 16-bit MPUs from AMD and Harris. While those...82876 graphics controller which AMD says is based on its own proprietary Quad Pixel Display **Manager** .

AMD wants "the designation of the Intel 82876 as a product transferred to Intel from...

10/3,K/61 (Item 13 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01225494 SUPPLIER NUMBER: 06607624

MIS heads in the sand. (Disaster recovery planning) (Taking Charge) (column)

Connolly, James

Computerworld, v22, n35, p71(2)

Aug 29, 1988

DOCUMENT TYPE: column

ISSN: 0010-4841

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: other companies show many run without uninterruptible power supplies. Questions need to be raised about **managers** that lack **backup** for IBM mainframes or other major systems worth tens of millions of dollars. Too many **managers** admit shortcomings in areas such as physical security, password security, disk **backup** , tape **vaults** , and test runs of

Search Report from Ginger R. DeMille

recovery plans. The **managers** that rate disaster preparedness and recovery in their top ten concerns need to look at...

...DESCRIPTORS: Information Resources **Management** ;

10/3,K/62 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2003 The Gale Group. All rts. reserv.

01257174 Supplier Number: 44678532 (USE FORMAT 7 FOR FULLTEXT)

**Norand Adds Wireless Networking to the PenKey Hand-Held Computer PEN*KEY
HAND HELD COMPUTER**

News Release, pN/A

May 16, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1166

... KEY Computer. It features a high performance 386,32-bit processor, and a patented power **management** system that enhances battery life. The system is also designed to withstand rough use, surviving...

...users

several other key benefits: high-resolution display, reliability, versatility, communication flexibility and ruggedness.

Power **Management** : The display is a vital part of any pen computer. The PEN*KEY features a...

...applying mobile computing systems. From this experience, the company recognized the need for effective power **management** in mobile computers. Key elements of the patented power **management** design include 3.3 volt operation and a 2.5 hour recharge capability. Special power...

...data loss. The computer features a

"fuel gauge" style battery warning for both main and **back - up** power **cells** to provide users with a clear display of current power status. The system's main...and field automation settings.

Typical applications include route accounting, field-sales automation, and inventory database **management** in manufacturing, warehouse, retail and patient point-of-care settings. Norand and its partners provide...

...and support to thousands of customers in dozens of industries to improve accountability, productivity and **management** control. Corporate offices are at 550 Second Street -Southeast in Cedar Rapids, Iowa.
For more...

10/3,K/63 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2003 The Gale Group. All rts. reserv.

01078797 Supplier Number: 40440219 (USE FORMAT 7 FOR FULLTEXT)

WHITE CRANE SYSTEMS SHIPS ENHANCED BROOKLYN BRIDGE WITH FILE MANAGER

News Release, p1

Search Report from Ginger R. DeMille

July 7, 1988
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 587

WHITE CRANE SYSTEMS SHIPS ENHANCED BROOKLYN BRIDGE WITH FILE MANAGER
... 404) 394-3119

July 7, 1988

WHITE CRANE SYSTEMS SHIPS ENHANCED BROOKLYN BRIDGE WITH FILE MANAGER

New Version 2.0 Includes File **Manager** with "Dual Directory Display"
and 1-2-3 (R) Style Menus

NORCROSS, GA -- White Crane...

...popular software utility, The Brooklyn Bridge (TM)
Version 2.0 adds a high-powered file **manager** with a "dual directory
display" and 1-2-3 (R) style menus for "point-and-shoot" operations.
Brooklyn Bridge users can employ its new file **manager**
to simplify the
process of moving files between connected microcomputers, and to
improve disk **management** on one or both computers.

"With the new 'dual directory' approach, we offer viewing of...

...drives. Users can also tag multiple
files and rapidly perform group operations using the file **manager** as
well as the device drivers."

Found only in The Brooklyn Bridge, the 'Run' utility...

...utilities: Move, Remove,
Copy and Backup.

The Brooklyn Bridge supports sharing of printers, plotters, tape
backup systems, Bernoulli **boxes**
, optical disks and other peripherals
by the two connected microcomputers. It can be used on...

10/3,K/64 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

2595657 Supplier Number: 02595657 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BRS scheme back at Chennai port
(Bengal Tiger Line (India) to operate Chennai container terminal's
container terminal berth-1 for 2-yr period; Chennai Port Trust expects
total cargo handling of 37 mil t in 1999, vs 35.2 mil t in year earlier)
Business Line, p 16
October 02, 1999
DOCUMENT TYPE: Journal ISSN: 0971-7528 (India)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 590

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

Search Report from Ginger R. DeMille

...BRS). CPT will supply labour and equipment, while BTL will possess its own yard stack **management** . The BTL consortium will provide twice weekly fixed day services, with the operation of 4...

...Chairman. This will also raise CPT's container handling capacity. Additionally, CPT has identified a **back up** space for stacking **boxes** , according to Baskaradoss. CPT expects container handling to reach 3,20 lakh TEUs in the...

TEXT:

...a period of two years under BRS. BTL will have its own container yard stack **management** , while the labour and equipment will be provided by the Port Trust.

Tiger Bay, the...

...INDUSTRY NAMES: Professional **management** services

...PRODUCT NAMES: **Management** services (874100)

10/3,K/65 (Item 2 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

2443542 Supplier Number: 02443542 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Home automation market mushrooming

(Incidence of multiple computers will reach 30% of US households by 2002 and online services' penetration will reach 50% of all US households by 2004)

Electric Light & Power, v 77, n 4, p 16

April 1999

DOCUMENT TYPE: Journal ISSN: 0013-4120 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1000

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...air conditioning, equipment installation and repair, as well as duct cleaning;

* Alternate fuels: distributed and **backup** generation, fuel **cells** , photovoltaics, and UPS systems; and

* Audits: energy and air quality audits, plus air filter repair...

...Inc., a Tampa-based subsidiary of TECO Energy, has developed a system that integrates energy **management** , home automation, advanced entertainment, communications and security features. Its new system, called the InterLane Home **Manager** , provides advanced two-way communication between homeowners and utilities utilizing a pager and the existing...

10/3,K/66 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

12711681 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hydro Intl. PLC - Interim Results

REGULATORY NEWS SERVICE

September 05, 2000

Search Report from Ginger R. DeMille

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1465

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... period amounted to #42,000, compared to #22,000 in the same period in 1999.

Management changes As announced at the AGM, Ian Harper, **Managing** Director, will take planned retirement with effect from 31 August. He has been with the...

...it to profitability. We wish him well in his retirement. The recruitment of a new **Managing** Director is ongoing, with an appointment expected in the near future.

After 20 years with...

... months through the sales of the package of Hydro-Brake Flow Control and Storm Cell **honeycomb storage** media.

The Combined Sewer Overflow ("CSO") and grit separation side of the UK business has...

... to convert to firm orders. Given this is the early stage of the new Asset **Management** Plan expenditure period for the water industry in England and Wales, and given a history... tax paid (75) - - Capital expenditure and financial (24) (22) 66 investment Cash inflow/(outflow) before **management** of liquid resources 597 (24) 183 and financing **Management** of liquid resources - (Cash placed on)/withdrawn (570) 35 (15) from short term deposits Net...

10/3,K/67 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

12453488 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Smaller Company Annual Reports: HYDRO INTERN'TL - Stormwater Controls
INVESTORS CHRONICLE, p61

August 18, 2000

JOURNAL CODE: FIC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 149

...waste water. Big sellers are vortex flow-control valves but 1999 UK sales of plastic **honeycomb** stormwater **storage** units quadrupled to GBP1m. Also, Hydro has signed a 10-year licence agreement with a...

SIC CODES/DESCRIPTIONS: 9511 (Air Water & Solid Waste **Management**)

NAICS CODES/DESCRIPTIONS: 92411 (Admin of Air Water Resource & Solid Waste **Management** Programs)

10/3,K/68 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
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10539783 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hydro Intl. PLC - Final Results

REGULATORY NEWS SERVICE

April 12, 2000

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1393

Search Report from Ginger R. DeMille

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to resolve. In addition, an agreement has been signed with Biwater Treatment Limited to project **manage** a 'one-stop shop' approach to all civil and mechanical installation work in the UK...

...Jet Screen.

Increased turnover in the UK includes #1 million of sales of the plastic **honeycomb storage** medium, Stormcell, which is used to store surface water runoff. This is four times the...Net cash inflow/(outflow) from capital expenditure and 66 (21) financial investment Cash inflow before **management** of liquid resources and 183 70 financing **Management** of liquid resources Cash placed on short term (15) - deposits Financing Debt due within a...

10/3,K/69 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

09244830 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Candidates on shortlist to bid for Tsing Yi Island port project Seven eye US\$2b deal

WONG JOON SAN

SOUTH CHINA MORNING POST, p3

January 24, 2000

JOURNAL CODE: FSCP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 512

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Hong Kong), Nishimatsu Construction (Japan), Ballast Nedam and Jan de Nul (both Dutch).

CT9 project **manager** David Holmes said the project would cover 150 hectares, including reclamation of a 120-hectare...

... for CT9 and the remainder will be returned to the Government, for use later as **back - up** land for storing **containers**.

The first berth is to come on stream in 2002 and the sixth berth is...

10/3,K/70 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

06833356 (USE FORMAT 7 OR 9 FOR FULLTEXT)

India: Poor stack/labour management ...: Boxes in vessels at Chennai CTB BUSINESS LINE

August 23, 1999

JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1140

(USE FORMAT 7 OR 9 FOR FULLTEXT)

India: Poor stack/labour management ...: Boxes in vessels at Chennai CTB

... and industry would attribute the present situation at the port to "bad labour and stack **management** at the container terminal berth (CTB)". Labour is one issue which the Chennai Port Trust (ChPT) is unable to handle properly, observe the sources. The stack **management**, too, leaves much to

Search Report from Ginger R. DeMille

be desired, as it is impossible to segregate import and export...

...CTB, it was felt, could improve only if the labour was handled properly, the stack **management** was prudent and equipment (along with the fourth gantry) were made available in proper condition...

... of achieving the required productivity; it is only the question of motivation, and proper labour **management**", observed a port user.

In reply, the ChPT Chairman, Mr. P. Bhaskaradoss, stated that between ...

... The newly appointed Deputy Chairman of the port, Mr. S. Veeramuthumoni, till recently the traffic **manager** of Tuticorin Port Trust (TPT), told Business Line, "productivity is now slowly picking up, and...enable the port to handle four big container vessels, or five small vessels, with additional **back - up** area for stacking **boxes**, both for imports and exports.

But the port users and shipping interests at Chennai are...

10/3,K/71 (Item 6 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

05738690 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Athletics: Chambers fit to do battle with the elite: In the post-Christie era, Britain has found a 100m man who can compete with the very best.

INDEPENDENT

June 15, 1999

JOURNAL CODE: FIND LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1029

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 10 there."

Ironically Chambers was assisted in his preparations by Campbell's coach. Christie, whose **management** group, Nuff Respect, looks after Chambers' race schedule and commercial deals, was in Nuremberg to...

... in England, Christie assisted Chambers in his warm-up. "Linford was really helpful as a **back - up**," **Chambers** said. "He told me to get out, relax, drive and rely on my pick-up."

Being in the same **management** group as Campbell could, one imagines, be awkward at times, but Chambers is perfectly happy...

SIC CODES/DESCRIPTIONS: 7941 (Sports Clubs **Managers** & Promoters)

10/3,K/72 (Item 7 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

04551189 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Innovations

Nicky Blackburn

JERUSALEM POST, p10

March 08, 1999

JOURNAL CODE: WJPT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 997

Search Report from Ginger R. DeMille

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... The BOS Online Backup system, a dedicated software program running under Windows NT, provides system **managers** with an alternative solution to tape backup systems, from which it is notoriously difficult to...

... all maintained in a single library, and not spread over multiple tapes or otherwise fragmented **backup containers**.

BOS assures fast and easy location of, and access to, the different versions of any...

... enabled, works in conjunction with security solutions to provide more secure Internet transactions.

Corporate IT **managers** will be able to use the processor serial-number feature to enhance asset **management**, making it easier to track PCs and applications on the network, as well as **manage** information better and control access to sensitive corporate data.

Intel, the world's largest chipmaker...

10/3,K/73 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

03798778 (USE FORMAT 7 OR 9 FOR FULLTEXT)

SOUNDING OUT SILICON ALLEY: FAILURES INEVITABLE AS INDUSTRY FINDS ITSELF

CRAIN'S NEW YORK BUSINESS, p8

December 07, 1998

JOURNAL CODE: WCNY LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 792

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... all the profits have already been made.

herbert m. dicker

Port Washington, L.I.

Reliable **backup** system: little gray **cells**

I have to give Alair Townsend's Nov. 16 column on the new media industry...

... New York does not mandate public reporting of health plan quality data. In fact, all **managed** care health plans are mandated to submit volumes of data to the state Department of...

... The data is analyzed, independently audited and then published as the department's Report on **Managed** Care Performance. New York's health plans have worked with the Department of Health on...

10/3,K/74 (Item 1 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext

(c) 2003 Financial Times Ltd. All rts. reserv.

0006016639 B0BCZB8ABBFT

Management : **Support network needed - A proposed back - up for Tecs and chambers**

CHARLES BATCHELOR

Financial Times, P 13

Tuesday, March 26, 1991

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Search Report from Ginger R. DeMille

Word Count: 420

Management : **Support network needed - A proposed** back - up for Tecs and chambers

...he suggests.

Although the TECs are business-led - in that local businesspeople sit on their **managing** board - they lack legitimacy because they do not have a broad basis of membership, Bennett...

10/3,K/75 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03336577 Supplier Number: 46858016 (USE FORMAT 7 FOR FULLTEXT)

Newsbytes Daily Summary 11/01/96

Newsbytes, pN/A

Nov 1, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 2564

... backup isn't heavy on romance which is probably why StorageTek gives its automatic tape **backup boxes** adventurous names like Timberwolf, WolfCreek and PowderHorn.

13 - Australia - Venture Capital Gets a Boost -- After...

...operations officer and group executive for EDS Asia Pacific.

18 - China - EEG Appoints Regional Marketing **Manager** -- By I.T. Daily. Exide Electronics Group (EEG), a global provider of power protection systems headquartered in Raleigh, North Carolina, has appointed Rick Cheung as regional marketing **manager**, Asia-Pacific.

19 - COL, FlexiInternational Form HK Partnership -- By I.T. Daily. Hong Kong's...Technology -- By Steve Gold. Dr. Solomon's, the anti-virus specialist company, has unveiled the **Management** Edition of its anti-virus toolkit. According to officials with the company at the Networld...

...was launched, the software is designed to assist an information technology (IT) department in the **management** of anti-virus software on networks.

33 - Long-Distance Competition Comes To Saskatchewan -- By Grant...

10/3,K/76 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02457850 Supplier Number: 44915054 (USE FORMAT 7 FOR FULLTEXT)

NEW SECURITY TECHNOLOGY PRODUCTS

Security Technology News, v2, n16, pN/A

August 12, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 279

... 975

CONTACT

Kim Tobias, 305-846-5609, 305-846-3935 (Fax)

Search Report from Ginger R. DeMille

Safesite National Business Records **Management** (N. Billerica, Mass.)
SafeNet Security for Business Records Rotating storage of computer- **backup**
tapes in **vaults** with environmental and physical security. For up to six
tapes:

Weekly Rotation: \$25/week, \$100...

...Planning Software Relational database business-recovery planning
software combining project-planning tools with relational data **management**
, modular plan design, and flexible reporting.

*/ Single-user license for large-scale database: \$15,000...

10/3,K/77 (Item 1 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1110108

NEFNS1

**Computer Detectives Uncover 'Smoking Guns' in Old E-mail and Computer
Backup Tapes**

DATE: June 11, 1997

05:20 EDT

WORD COUNT: 702

... lawyers are increasingly hiring computer sleuths to comb through a
company's old electronic mail, **backup** tapes and other **nooks** and
crannies of computer systems to find legal evidence of wrongdoing,
according to Computerworld, the...

...mails, and even printer and fax buffers, Computerworld reports.

While most companies have a records **management** policy of destroying
old paper files, few have similar guidelines set up for electronic
information. Computer experts suggest that corporate IT **managers** should
develop and follow formal policies on when and how to destroy old computer
files...

Search Report from Ginger R. DeMille

? show files

File 8: Ei Compendex(R) 1970-2003/Jun W1
 (c) 2003 Elsevier Eng. Info. Inc.
 File 94: JICST-EPlus 1985-2003/Jun W2
 (c) 2003 Japan Science and Tech Corp(JST)
 File 144: Pascal 1973-2003/May W4
 (c) 2003 INIST/CNRS
 File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 34: SciSearch(R) Cited Ref Sci 1990-2003/Jun W1
 (c) 2003 Inst for Sci Info
 File 62: SPIN(R) 1975-2003/May W1
 (c) 2003 American Institute of Physics
 File 99: Wilson Appl. Sci & Tech Abs 1983-2003/Apr
 (c) 2003 The HW Wilson Co.

? ds

Set	Items	Description
S1	68	(BACKUP OR BACK()UP) (3W) (CELLS OR CONTAINERS OR CELLULES OR CHAMBERS OR COMPARTMENTS OR BOXES OR VAULTS OR STALLS OR ROOMLETS OR NOOKS OR NICHEs OR RECESSES OR ALCOVES) OR (HONEYCOMB? ? OR HONEY()COMB? ?) (3N) STORAGE?
S2	0	S1(6N) (INTERCONTROL? OR INTER()CONTROL? OR INTRA()CONTROL? OR INTRACONTROL? OR CODEPENDEN? OR CO()DEPENDEN? OR CO()OPERATIONAL OR COOPERATIONAL OR COOPERATIVE? OR INTRAOPERABL? OR INTRA()OPERABL? OR INTEROPERAB? OR INTER()OPERAB?)
S3	1	S1 AND MANAG?
S4	335	(BACK?()UP OR BACKUP) (5N) (MANAGER? OR CONTROLL?R? OR MANAGEMENT OR HANDLER? OR AGENT OR AGENTS OR CRAWLER? ? OR ROBOT? ? OR WORKER? ?)
S5	0	S1 AND S4
S6	0	S5 NOT S3
S7	1	S3 OR S5
S8	1	RD (unique items)
S9	1	S8 NOT PY>2000
S10	1	RD (unique items)

? t10/7/all

10/7/1 (Item 1 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)
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02174045 E.I. Monthly No: EI8703023693

Title: PRIORITY SERVICE: UNBUNDLING THE QUALITY ATTRIBUTES OF ELECTRIC POWER.

Author: Anon

Source: Electr Power Res Inst Rep EPRI EA 4851 Nov 1986 180p

Publication Year: 1986

CODEN: ERIEDG

Language: ENGLISH

Document Type: RR; (Report Review) Treatment: E; (Economic/Cost Data/Market Survey); T; (Theoretical)

Journal Announcement: 8703

Abstract: In an increasingly competitive environment, utilities are seeking cost-effective ways to respond to new and diverse consumer needs. This exploration of a concept in which customers select different levels of service to match their requirements is a first step in an EPRI effort to develop practical new service options from which both utilities and their customers can benefit. Utilities could offer priority service through combinations of technical alternatives including load-shedding controls, backup generators, fuel cells, local energy storage, uninterrupted power

Search Report from Ginger R. DeMille

supply, and multiple feeders. Utilities could implement priority service through a variety of mechanisms such as demand subscription service, priority insurance, and priority points. This report - a preliminary look at the economic theory behind priority service and an assessment of its feasibility for utilities - discusses incentives and market structures, priority service menus, priority classes, and priority insurance. In six appendixes of interest particularly to engineers and analysts, it details mathematical models for various analyses.

?

Search Report from Ginger R. DeMille

? show files

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200336
(c) 2003 Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2003/Mar
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)
(c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
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File 348:EUROPEAN PATENTS 1978-2003/Jun W01
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File 349:PCT FULLTEXT 1979-2002/UB=20030605,UT=20030529
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File 15:ABI/Inform(R) 1971-2003/Jun 11
(c) 2003 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2003/Jun 11
(c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Jun 10
(c)2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2003/Jun 11
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jun 10
(c) 2003 The Gale Group
File 9:Business & Industry(R) Jul/1994-2003/Jun 10
(c) 2003 Resp. DB Svcs.
File 20:Dialog Global Reporter 1997-2003/Jun 11
(c) 2003 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2003/Jun 11
(c) 2003 Financial Times Ltd
File 610:Business Wire 1999-2003/Jun 11
(c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Jun 11
(c) 2003 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2003/Jun 10
(c) 2003 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jun 09
(c) 2003 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Authn

Search Report from Ginger R. DeMille

? ds

Set Items Description
S1 2 AU=(ALEXANDER? OR PITTALUGA? OR SCHWARTZ? OR PRAHLAD?) AND
 (BACKUP OR BACK()UP) (2W)CELLS

? t1/3,k/all

1/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013889912 **Image available**
WPI Acc No: 2001-374125/200139
XRPX Acc No: N01-273747

**Hierarchical network backup system for interconnected computer, has
backup managers in backup cells , for controlling backup of data in
backup devices of same and other backup cells**

Patent Assignee: COMMVAULT SYSTEMS INC (COMM-N)

Inventor: CRESCENTI J; KAVURI S; OSHINSKY D A; **PRAHLAD A**

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200106367	A1	20010125	WO 2000US19324	A	20000717	200139 B
EP 1204922	A1	20020515	EP 2000947402	A	20000717	200239
			WO 2000US19324	A	20000717	

Priority Applications (No Type Date): US 99354058 A 19990715

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

WO 200106367	A1	E	34	G06F-011/14	
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

EP 1204922	A1	E		G06F-011/14	Based on patent WO 200106367
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

**Hierarchical network backup system for interconnected computer, has
backup managers in backup cells , for controlling backup of data in
backup devices of same and other backup cells**

...Inventor: **PRAHLAD A**

Abstract (Basic):

... **Backup cells** (100,150) having backup devices
 (112,122,132,162,172,182) execute the backup of...

...114,164) coupled to backup devices (112,162) control the backup of data
in relative **backup devices**. **Backup cells** are coupled mutually and
the managers of one backup cell controls the backup devices of other
backup cells .

... manager operates the backup activities of back up cell and
manages the operation of other **backup cells** to define a
hierarchical structure so that alternative control of another backup
cell is used...

...change to backup cell parameters is initiated through a single manager
and propagated to other **backup cells** .

...

... **Backup cells** (100,150

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? t1/4/all

1/4/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 2003-333461/200331|

XR- <XRPX> N03-267267|

TI- Quick recovery volume creation program for backup storage system
executes disk-to-disk data block replication of snapshot image of
primary data set|

PA- **COMMVAULT** SYSTEMS INC (COMM-N|

AU- <INVENTORS> ALEXANDER J; MAY A; PITTALUGA I; PRAHLAD A; SCHWARTZ J A|

NC- 100|

NP- 001|

PN- WO 200328183 A1 20030403 WO 2002US31206 A 20020930 200331 B|

AN- <LOCAL> WO 2002US31206 A 20020930|

AN- <PR> US 2001326021 P 20010928|

FD- WO 200328183 A1 H02H-003/05

<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
<DS> (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE
IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW|

LA- WO 200328183(E<PG> 21)|

DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW|

DS- <REGIONAL> AT; BE; BG; CH; CY; CZ; DE; DK; EA; EE; ES; FI; FR; GB; GH;
GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SK; SL; SZ;
TR; TZ; UG; ZM; ZW|

AB- <PN> WO 200328183 A1|

AB- <NV> NOVELTY - The program when executed causes the creation of a quick
recovery volume (118) as a disk-to-disk data block replication of a
snapshot image of the primary data set (114) comprising of a primary
volume and application data. A media agent module (106) then transfers
the volume to an archival storage unit (112) as an incremental backup
copy of the previous quick recovery volume.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
;

1. A computer system.

2. A method for creating a quick recovery volume.

USE - For creating a quick recovery volume of a computer data set
in a backup storage system.

ADVANTAGE - The program enables minimization of the downtime
associated with a backup and restore operation while using less
expensive media, and efficiently manages shadowed copies.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of
the operation of software for a backup storage system.

Media agent module (106)

Archival storage unit (112)

Primary data set (114)

Quick recovery volume (118)

pp; 21 DwgNo 1/6|

DE- <TITLE TERMS> QUICK; RECOVER; VOLUME; CREATION; PROGRAM; STORAGE;
SYSTEM; EXECUTE; DISC; DISC; DATA; BLOCK; REPLICA; SNAPSHOT; IMAGE;
PRIMARY; DATA; SET|

DC- T01|

Search Report from Ginger R. DeMille

IC- <MAIN> H02H-003/05|
IC- <ADDITIONAL> G06F-012/00|
MC- <EPI> T01-F05B; T01-F05E; T01-G03; T01-H01B1; T01-H01C3; T01-S02|
FS- EPI||

1/4/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-333375/200331|
XR- <XRPX> N03-267181|
TI- Computerized method for archiving data e.g. email messages, in which messages, objects or other data items are copied to secondary storage according to parameters such as job ID, times etc.|
PA- **COMMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> DEMENO R; IYER T; MAY A; PRAHLAD A; WANG Z|
NC- 099|
NP- 001|
PN- WO 200327891 A1 20030403 WO 2002US31205 A 20020930 200331 B|
AN- <LOCAL> WO 2002US31205 A 20020930|
AN- <PR> US 2001326023 P 20010928|
FD- WO 200327891 A1 G06F-015/173
<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
<DS> (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW|
LA- WO 200327891(E<PG> 32)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW|
DS- <REGIONAL> AT; BE; BG; CH; CY; CZ; DE; DK; EA; EE; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SK; SL; SZ; TR; TZ; UG; ZM; ZW|
AB- <PN> WO 200327891 A1|
AB- <NV> NOVELTY - Retention criteria define archiving rules for an archiving process to control the content of stubs, which messages, objects or other data items get archived, the retention time for stubs and archived messages, objects or other data items and similar filtration criteria.|
AB- <BASIC> DETAILED DESCRIPTION - The archiving method involves identifying, in a first information store, a data item satisfying retention criterion, and copying the data item to a second information store. A second data item containing a subset of the data of the first data item selected based on the data type of the first data item, is created in the first information store. The first data item is replaced in the first information store, with the second data item.
INDEPENDENT CLAIMS are included for; a computer readable medium storing program code for executing the method for archiving data; a system for archiving data.
USE - Archiving objects in an information store e.g. email messages.
ADVANTAGE - Permits user to easily manage, archive and retrieve email messages.
DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a network architecture for a system to archive and retrieve application specific objects according to the invention.

Search Report from Ginger R. DeMille

Data agent (105)
Subbing agent (109)
Information store (108)
Media agent (110)
Library (115)
Index cache (120)
pp; 32 DwgNo 1/5|
DE- <TITLE TERMS> COMPUTER; METHOD; DATA; MESSAGE; MESSAGE; OBJECT; DATA;
ITEM; COPY; SECONDARY; STORAGE; ACCORD; PARAMETER; JOB; ID; TIME|
DC- T01|
IC- <MAIN> G06F-015/173|
MC- <EPI> T01-J05B2A; T01-N01C; T01-S03|
FS- EPI||

1/4/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-076070/200307|
DX- <RELATED> 2001-496861|
XR- <XRPX> N03-058923|
TI- Data storage management system maintains an index of files as these are
moved among storage devices located in different time zones so as to
provide rapid access to the files by a browser program|
PA- **COMMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> IGNATIUS P; MAY A; OSHINSKY D A; PRAHLAD A|
NC- 099|
NP- 001|
PN- WO 2002101540 A1 20021219 WO 2002US18169 A 20020610 200307 B|
AN- <LOCAL> WO 2002US18169 A 20020610|
AN- <PR> US 2001877592 A 20010608|
FD- WO 2002101540 A1 G06F-007/00
<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW|
LA- WO 2002101540(E<PG> 37)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZM;
ZW|
AB- <PN> WO 2002101540 A1|
AB- <NV> NOVELTY - A process moves digital data files among a number of
storage devices (108, 110, 112) and operates a file browser to select
and display selected files. As the files are moved about the system an
index is maintained of the file locations to provide rapid access to a
file by the browser on request. The index takes account of the fact
that different ones of the storage devices reside in different time
zones.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
data retrieval system has a computer system with a number of storage
media located in two or more time zones and a storage and backup map
that indicates to a data retrieval module in a software application
where the data requested by the retrieval module is stored.

Search Report from Ginger R. DeMille

USE - Managing stored data files.

ADVANTAGE - Accessing data stored in different time zones.

DESCRIPTION OF DRAWING(S) - Figure 1 shows an overview of the system.

Storage devices (108, 110, 112)

pp; 37 DwgNo 1/11|

DE- <TITLE TERMS> DATA; STORAGE; MANAGEMENT; SYSTEM; MAINTAIN; INDEX; FILE;
MOVE; STORAGE; DEVICE; LOCATE; TIME; ZONE; SO; RAPID; ACCESS; FILE;
PROGRAM|

DC- T01|

IC- <MAIN> G06F-007/00|

IC- <ADDITIONAL> G06F-012/16; G06F-017/24; G06F-017/30|

MC- <EPI> T01-F05E; T01-J05B1; T01-N03A1|

FS- EPI||

1/4/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2003-059606/200305|

DX- <RELATED> 2001-522298|

XR- <XRPX> N03-046225|

TI- Application specific rollback system for computer system has software
application with specific rollback module with an index and logical
view storage for application specific data|

PA- **COMMVAULT** SYSTEMS INC (COMM-N|

AU- <INVENTORS> DE MENO R; MCGUIGAN J J; PRAHLAD A; SCHWARTZ J A|

NC- 099|

NP- 001|

PN- WO 200299649 A1 20021212 WO 2002US17973 A 20020606 200305 B|

AN- <LOCAL> WO 2002US17973 A 20020606|

AN- <PR> US 2001876289 A 20010606|

FD- WO 200299649 A1 G06F-012/00

<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW|

LA- WO 200299649(E<PG> 24)|

DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZM;
ZW|

AB- <PN> WO 200299649 A1|

AB- <NV> NOVELTY - The system includes a software application that performs
operations requested by a user to generate application specific data.
The software application has an application specific rollback module
with an index for assisting in locating different states of the
application specific data generated by the user requests. A logical
view storage provides an organizational scheme for storage of the
application specific data on one of several storage media. An
application specific rollback module provides access to a specific
version of the application specific data when requested by a user such
that the application specific data from a user selected date is
accessible.|

Search Report from Ginger R. DeMille

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a method for retrieving information from a computer system.

USE - For storage and retrieval systems.

ADVANTAGE - Allows data to be retrieved that is modified between backups of the computer system.

DESCRIPTION OF DRAWING(S) - The figure shows a computer system for performing application specific rollback operations.

pp; 24 DwgNo 1/4|

DE- <TITLE TERMS> APPLY; SPECIFIC; SYSTEM; COMPUTER; SYSTEM; SOFTWARE; APPLY; SPECIFIC; MODULE; INDEX; LOGIC; VIEW; STORAGE; APPLY; SPECIFIC; DATA|

DC- T01|

IC- <MAIN> G06F-012/00|

MC- <EPI> T01-G08A; T01-J05B1; T01-J05B3|

FS- EPI||

1/4/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2002-654611/200270|

XR- <XRPX> N02-517152|

TI- Communication system has data pipeline apparatus which initiates network agent processes, such that dedicated memory is shared among each of processes participating in data transfer pipeline|

PA- ~~COMMVAULT~~ SYSTEMS INC (COMM-N|

AU- <INVENTORS> IGNATIUS P; PRAHLAD A; TYAGARAJAN M|

NC- 001|

NP- 001|

PN- US 6418478 B1 20020709 US 9763831 A 19971030 200270 B

<AN> US 9838440 A 19980311|

AN- <LOCAL> US 9763831 A 19971030; US 9838440 A 19980311|

AN- <PR> US 9763831 P 19971030; US 9838440 A 19980311|

FD- US 6418478 B1 G06F-009/00 Provisional application US 9763831|

LA- US 6418478(19)|

AB- <PN> US 6418478 B1|

AB- <NV> NOVELTY - A data pipeline apparatus has a dedicated memory having a pool of buffers dedicated to carry data from the origination to destination storage device. A master control module allocates and re-allocates the sequence of buffers from the pool. A network control module initiates network agent processes, so that the memory is shared among each of the processes participating in data transfer pipeline, in response to master control module.|

AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for the method of transferring data from an origination storage device to a destination storage device.

USE - Communication system with data transfer pipeline apparatus.

ADVANTAGE - The modules that are plugged into the pipeline can be easily changed based on the application, ensuring flexibility. Allows multiple instance of a given module running in a given stage of the pipeline, hence parallelism is ensured. Provides a well-define mechanism for startup and shutdown of a pipeline.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram explaining the module attachment process to shared memory.

pp; 19 DwgNo 4A/7|

DE- <TITLE TERMS> COMMUNICATE; SYSTEM; DATA; PIPE; APPARATUS; INITIATE; NETWORK; AGENT; PROCESS; DEDICATE; MEMORY; SHARE; PROCESS; PARTICIPATING; DATA; TRANSFER; PIPE|

Search Report from Ginger R. DeMille

DC- T01|
IC- <MAIN> G06F-009/00|
IC- <ADDITIONAL> G06F-015/16; G06F-015/167|
MC- <EPI> T01-F02C1; T01-F03B1; T01-H03D|
FS- EPI||

1/4/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-611114/200170|
XR- <XRPX> N01-456195|
TI- Data storage and management system establishes a transfer pipeline
between an application and a storage medium and automatically
determines whether to send the data in chunks|
PA- **COMMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> DEVASSEY V; IGNATIUS P; IYER S I; PRAHLAD A; TYAGARAJAN M;
WU R|
NC- 021|
NP- 002|
PN- WO 200157640 A2 20010809 WO 2001US2931 A 20010129 200170 B|
PN- EP 1256050 A2 20021113 EP 2001906769 A 20010129 200282
<AN> WO 2001US2931 A 20010129|
AN- <LOCAL> WO 2001US2931 A 20010129; EP 2001906769 A 20010129; WO
2001US2931 A 20010129|
AN- <PR> US 2000495751 A 20000201|
FD- WO 200157640 A2 G06F-003/06
<DS> (National): CA
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
FD- EP 1256050 A2 G06F-003/06 Based on patent WO 200157640
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
SE TR|
LA- WO 200157640(E<PG> 42); EP 1256050(E)|
DS- <NATIONAL> CA|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE; TR|
AB- <PN> WO 200157640 A2|
AB- <NV> NOVELTY - A source data mover and a destination data mover are
provided in the form of software entities which automatically interact
to perform data encryption and compression based on the content of a
file being passed through the pipeline. The pipeline includes data
buffer registers and headers and chunking of the data occurs as
necessary without the application having to take any action.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
high-speed data transfer mechanism.
USE - In transferring data from one location to another.
ADVANTAGE - High data transfer speeds allowing full use of data
paths and enhanced user interaction.
pp; 42 DwgNo 8/13|
DE- <TITLE TERMS> DATA; STORAGE; MANAGEMENT; SYSTEM; ESTABLISH; TRANSFER;
PIPE; APPLY; STORAGE; MEDIUM; AUTOMATIC; DETERMINE; SEND; DATA; CHUNK|
DC- T01|
IC- <MAIN> G06F-003/06|
MC- <EPI> T01-C07C2; T01-D01; T01-H07B|
FS- EPI||

1/4/7 (Item 7 from file: 350)

611-Jun-0311:55 AM

Search Report from Ginger R. DeMille

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

AA- 2001-522298/200157|
DX- <RELATED> 2003-059606|
XR- <XRPX> N01-387069|
TI- Modular data and storage management system stores received data on a
timed basis for retrieval in response to a date specified by a user|
PA- **COMMVAULT** SYSTEMS INC (COMM-N); DE MENO R (DMEN-I); MCGUIGAN J J
(MCGU-I); PRAHLAD A (PRAH-I); SCHWARTZ J A (SCHW-I); MENO R D (MENO-I)|
AU- <INVENTORS> DE MENO R; MCGUIGAN J J; PRAHLAD A; SCHWARTZ J A; MENO R D|
NC- 028|
NP- 006|
PN- WO 200155894 A2 20010802 WO 2001US3088 A 20010131 200157 B|
PN- US 20010029517 A1 20011011 US 2000179343 P 20000131 200162
<AN> US 2001774302 A 20010130
<AN> US 2001876289 A 20010606
PN- US 20010047381 A1 20011129 US 2000179343 P 20000131 200202
<AN> US 2001774272 A 20010130
<AN> US 2001882438 A 20010614
PN- US 20010047389 A1 20011129 US 2000179343 P 20000131 200202
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PN- US 20010047459 A1 20011129 US 2000179343 P 20000131 200202
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PN- EP 1267281 A2 20021218 EP 2002254168 A 20020614 200301 N|
AN- <LOCAL> WO 2001US3088 A 20010131; US 2000179343 P 20000131; US
2001774302 A 20010130; US 2001876289 A 20010606; US 2000179343 P
20000131; US 2001774272 A 20010130; US 2001882438 A 20010614; US
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20000131; US 2001774302 A 20010130; EP 2002254168 A 20020614|
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A 20010606; US 2001774272 A 20010130; US 2001882438 A 20010614; EP
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FD- WO 200155894 A2 G06F-017/00
<DS> (National): CA
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
FD- US 20010029517 A1 G06F-009/00 Provisional application US 2000179343
CIP of application US 2001774302
FD- US 20010047381 A1 G06F-009/00 Provisional application US 2000179343
CIP of application US 2001774272
FD- US 20010047389 A1 G06F-015/16 Provisional application US 2000179343
FD- US 20010047459 A1 G06F-013/00 Provisional application US 2000179343
FD- EP 1267281 A2 G06F-017/30
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
MC MK NL PT RO SE SI TR|
LA- WO 200155894(E<PG> 19); EP 1267281(E)|
DS- <NATIONAL> CA|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR; AL; LI; LT; LV; MK; RO; SI|
AB- <PN> WO 200155894 A2|
AB- <NV> NOVELTY - In response to a user-specified date, initially only a
portion of the corresponding data may be retrieved. Subsequently, the
user may request, and gain access to, the contents of files included in
the stored data. The data storage system may include a number of
storage media with data being moved from one to another under control
of the management system.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
method for a computer system to display information regarding data
storage corresponding to a state of a computer system on a user
specified date.

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USE - Archiving computer data, such as e-mails.

ADVANTAGE - Efficient date based retrieval.

pp; 19 DwgNo 0/8|

DE- <TITLE TERMS> MODULE; DATA; STORAGE; MANAGEMENT; SYSTEM; STORAGE;
RECEIVE; DATA; TIME; BASIS; RETRIEVAL; RESPOND; DATE; SPECIFIED; USER|
DC- T01|
IC- <MAIN> G06F-009/00; G06F-013/00; G06F-015/16; G06F-017/00; G06F-017/30|
MC- <EPI> T01-C04; T01-F05E; T01-H05B1; T01-H07C1; T01-J05B2|
FS- EPI||

1/4/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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AA- 2001-522294/200157|
XR- <XRPX> N01-387065|
TI- Computer storage system stores data in a number of different ways, one
way being selected in dependence on the particular application being
run on the computer|
PA- IGNATIUS P (IGNA-I); KAVURI S (KAVU-I); OSHINSKY D A (OSHI-I); THEISEN
M H (THEI-I); **COMMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> IGNATIUS P; KAVURI S; OSHINSKY D A; THEISEN M H|
NC- 021|
NP- 003|
PN- WO 200155856 A2 20010802 WO 2001US3183 A 20010131 200157 B|
PN- US 20010034812 A1 20011025 US 2000179344 P 20000131 200170
<AN> US 2001774268 A 20010130
PN- US 6542972 B2 20030401 US 2000179344 P 20000131 200324
<AN> US 2001774268 A 20010130|
AN- <LOCAL> WO 2001US3183 A 20010131; US 2000179344 P 20000131; US
2001774268 A 20010130; US 2000179344 P 20000131; US 2001774268 A
20010130|
AN- <PR> US 2001774268 A 20010130; US 2000179344 P 20000131|
FD- WO 200155856 A2 G06F-012/00
<DS> (National): CA
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
FD- US 20010034812 A1 G06F-012/16 Provisional application US 2000179344
FD- US 6542972 B2 G06F-012/00 Provisional application US 2000179344|
LA- WO 200155856(E<PG> 23)|
DS- <NATIONAL> CA|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR|
AB- <PN> WO 200155856 A2|
AB- <NV> NOVELTY - A number of different storage media are provided,
including a magnetic tape, a magnetic disk and an optical storage
medium. A manager compiles an index to track the location of selected
data in the various storage media. The different ways of storing the
data may include: storage sequences; storage logic; initial storage
sequence selection criteria; storage sequence reselection criteria and
storage sequence adaptation criteria. The initial storage selection
criteria may include : user directed override; user profile;
application; file type; user network location; and available storage
space. The storage sequence reselection criteria may include: specific
file usage history; file type usage history; user profile; user network
relocation; available storage space; and added storage media. The
storage sequence adaptation criteria may include: specific file usage
history; user profile; user network relocation; available storage
space; and added storage media.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a

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method for storing data on one of a number of storage media.

USE - In computer data stores.

ADVANTAGE - User friendly storage system.

pp; 23 DwgNo 0/9|

DE- <TITLE TERMS> COMPUTER; STORAGE; SYSTEM; STORAGE; DATA; NUMBER; WAY;
ONE; WAY; SELECT; DEPEND; APPLY; RUN; COMPUTER|

DC- T01|

IC- <MAIN> G06F-012/00; G06F-012/16|

MC- <EPI> T01-C01A; T01-F05A; T01-F05E; T01-H01B1; T01-H01B2; T01-H05B1;
T01-J05B1|

FS- EPI||

1/4/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2001-496861/200154|

DX- <RELATED> 2003-076070|

XR- <XRPX> N01-368169|

TI- Data retrieval system for computer system, retrieves data from storage
media based on particular data location specified by storage and backup
map|

PA- IGNATIUS P (IGNA-I); MAY A (MAYA-I); OSHINSKY D A (OSHI-I); PRAHLAD A
(PRAH-I); **COMMVAULT** SYSTEMS INC (COMM-N|

AU- <INVENTORS> IGNATIUS P; MAY A; OSHINSKY D A; PRAHLAD A|

NC- 021|

NP- 003|

PN- WO 200155857 A2 20010802 WO 2001US3209 A 20010131 200154 B|

PN- US 20010029512 A1 20011011 US 2000179345 P 20000131 200162

<AN> US 2001774301 A 20010130

<AN> US 2001877592 A 20010608

PN- US 20010047368 A1 20011129 US 2000179345 P 20000131 200202

<AN> US 2001774301 A 20010130|

AN- <LOCAL> WO 2001US3209 A 20010131; US 2000179345 P 20000131; US
2001774301 A 20010130; US 2001877592 A 20010608; US 2000179345 P
20000131; US 2001774301 A 20010130|

AN- <PR> US 2001774301 A 20010130; US 2000179345 P 20000131; US 2001877592
A 20010608|

FD- WO 200155857 A2 G06F-012/00

<DS> (National): CA

<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR

FD- US 20010029512 A1 G06F-017/30 Provisional application US 2000179345
CIP of application US 2001774301

FD- US 20010047368 A1 G06F-012/00 Provisional application US 2000179345|

LA- WO 200155857(E<PG> 24)|

DS- <NATIONAL> CA|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR|

AB- <PN> WO 200155857 A2|

AB- <NV> NOVELTY - Several storage media (108,110-112) are communicatively
connected to a processor that supports operation of any one software
application (102). The software application has a retrieval module
which retrieves data from the storage media, based on the data location
specified by storage and backup map (106).|

AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
for data retrieval method.

USE - For use in computer system.

ADVANTAGE - Since the storage and backup specifies the required

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location for data retrieval, the user is not required to know the latest location of data in the storage media, thus retrieval of data from many types of storage media is enabled without assistance beyond the retrieval system. Allows end users to view and access in the logical format that they are used to with their applications or systems.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of data retrieval system.

Software application (102)
Backup map (106)
Storage media (108,110-112)
pp; 24 DwgNo 1/11|

DE- <TITLE TERMS> DATA; RETRIEVAL; SYSTEM; COMPUTER; SYSTEM; RETRIEVAL;
DATA; STORAGE; MEDIUM; BASED; DATA; LOCATE; SPECIFIED; STORAGE; MAP|
DC- T01|
IC- <MAIN> G06F-012/00; G06F-017/30|
MC- <EPI> T01-F05E; T01-G03; T01-H01A; T01-H01C4; T01-H05B1; T01-J05B2;
T01-J12B1|
FS- EPI||

1/4/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- *Image available*
AA- 2001-464609/200150|
XR- <XRPX> N01-344604|
TI- Modular backup and retrieval system for network connected computer, has manager module that manages and controls media module that controls backup of data onto library devices|
PA- **COMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> CRESCENTI J; KAVURI S; OSHINSKY D A; PRAHLAD A|
NC- 018|
NP- 001|
PN- WO 200106368 A1 20010125 WO 2000US19329 A 20000717 200150 B|
AN- <LOCAL> WO 2000US19329 A 20000717|
AN- <PR> US 99354063 A 19990715|
FD- WO 200106368 A1 G06F-011/14
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|
LA- WO 200106368(E<PG> 48)|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE|
AB- <PN> WO 200106368 A1|
AB- <NV> NOVELTY - The manager module in computer (110) is in communication with media modules (126,136) of computers (120,130). Media modules are coupled to library devices (122,132). The media module controls physical backup of data onto library devices and manager module controls media module and also manages overall backup and retrieval functions.|
AB- <BASIC> USE - For controlling data backup in computers or network connected computer.

ADVANTAGE - The independent software agents, manager module and software module, focus specifically on archival process and are cohesively operated in network environment across several machines.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of modular network backup system.

Computers (110,120,130)
Library devices (122,132)
Media modules (126,136)
pp; 48 DwgNo 1/12|

Search Report from Ginger R. DeMille

DE- <TITLE TERMS> MODULE; RETRIEVAL; SYSTEM; NETWORK; CONNECT; COMPUTER;
MANAGE; MODULE; MANAGE; CONTROL; MEDIUM; MODULE; CONTROL; DATA; LIBRARY
; DEVICE|
DC- T01; U21|
IC- <MAIN> G06F-011/14|
MC- <EPI> T01-G03; U21-A06|
FS- EPI||

1/4/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2001-464519/200150|
DX- <RELATED> 2001-464518|
XR- <XRPX> N01-344514|
TI- Modular back-up system for computer network, has management component
and client component which operate in conjunction with file processor
for archival type requests|
PA- ~~COMM~~VAULT SYSTEMS INC (COMM-N|
AU- <INVENTORS> CRESCENTI J; KAVURI S; OSHINSKY D A; PRAHLAD A|
NC- 018|
NP- 001|
PN- WO 200104756 A1 20010118 WO 2000US19364 A 20000714 200150 B|
AN- <LOCAL> WO 2000US19364 A 20000714|
AN- <PR> US 2000610738 A 20000706; US 99143743 P 19990714; US 99143744 P
19990714|
FD- WO 200104756 A1 G06F-011/14
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|
LA- WO 200104756(E<PG> 28)|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE|
AB- <PN> WO 200104756 A1|
AB- <NV> NOVELTY - A file processor, which manages data transmission,
operates as a part of a computer. A management component (110) and one
client component (120) on another computer operate in conjunction with
the file processor for archival type requests.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
the following:
(a) a modular network storage system;
(b) a data storing method.
USE - For computer network.
ADVANTAGE - Simplifies upgrading or changing of back-up and
retrieval system while maintaining data coherency.
DESCRIPTION OF DRAWING(S) - The figure shows the schematic block
diagram of modular back-up and retrieval system.
Management component (110)
Client component (120)
pp; 28 DwgNo 1/3|
DE- <TITLE TERMS> MODULE; BACK-UP; SYSTEM; COMPUTER; NETWORK; MANAGEMENT;
COMPONENT; CLIENT; COMPONENT; OPERATE; CONJUNCTION; FILE; PROCESSOR;
ARCHIVE; TYPE; REQUEST|
DC- T01; U21|
IC- <MAIN> G06F-011/14|
MC- <EPI> T01-G03; U21-A06|
FS- EPI||

1/4/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

1111-Jun-0311:55 AM

Search Report from Ginger R. DeMille

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IM- *Image available*
AA- 2001-464518/200150|
DX- <RELATED> 2001-307852; 2001-354495; 2001-380811; 2001-397405;
2001-456995; 2001-464511; 2001-464520; 2001-464521; 2001-464611;
2001-464783|
XR- <XRPX> N01-344513|
TI- Storage system for distributed modular back-up system for computer
network, has management component which coordinates storage of
information in storage system by interacting client component|
PA- **COMMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> CRESCENTI J; KAVURI S; OSHINSKSY D A; PRAHLAD A|
NC- 018|
NP- 001|
PN- WO 200104755 A1 20010118 WO 2000US19363 A 20000714 200150 B|
AN- <LOCAL> WO 2000US19363 A 20000714|
AN- <PR> US 2000609977 A 20000705; US 99143743 P 19990714; US 99143744 P
19990714|
FD- WO 200104755 A1 G06F-011/14
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|
LA- WO 200104755(E<PG> 27)|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE|
AB- <PN> WO 200104755 A1|
AB- <NV> NOVELTY - The system (100) includes a management component (110)
and at least one client component (120). The management component
directs and coordinates storage of information in the storage system by
interacting with the client component.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
for the method for storing information in storage system.
USE - For storing information according to storage policies e.g.
scheduling policies, aging policies, index pruning policies and drive
cleaning policies in each client in computer network.
ADVANTAGE - Improves back-up and retrieval of information according
to set storage policies e.g. storing scheduling policies, aging
policies, index pruning policies, drive cleaning policies,
configuration information, tracking all running and waiting jobs,
allocating drives, selecting back-up type, and tracking applications
running on each client. Provides library media which maintains an index
to easily locate specific information that has been archived.
DESCRIPTION OF DRAWING(S) - The figure shows the schematic block
diagram of the modular back-up and retrieval system.
System (100)
Management component (110)
Client component (120)
pp; 27 DwgNo 1/4|
DE- <TITLE TERMS> STORAGE; SYSTEM; DISTRIBUTE; MODULE; BACK-UP; SYSTEM;
COMPUTER; NETWORK; MANAGEMENT; COMPONENT; COORDINATE; STORAGE;
INFORMATION; STORAGE; SYSTEM; INTERACT; CLIENT; COMPONENT|
DC- T01; U21|
IC- <MAIN> G06F-011/14|
MC- <EPI> T01-G03; U21-A06|
FS- EPI||

1/4/13 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- *Image available*

1211-Jun-0311:55 AM

Search Report from Ginger R. DeMille

AA- 2001-374125/200139|
XR- <XRPX> N01-273747|
TI- Hierarchical network backup system for interconnected computer, has backup managers in backup cells, for controlling backup of data in backup devices of same and other backup cells|
PA- **COMMVAULT** SYSTEMS INC (COMM-N|
AU- <INVENTORS> CRESCENTI J; KAVURI S; OSHINSKY D A; PRAHLAD A|
NC- 025|
NP- 002|
PN- WO 200106367 A1 20010125 WO 2000US19324 A 20000717 200139 B|
PN- EP 1204922 A1 20020515 EP 2000947402 A 20000717 200239
<AN> WO 2000US19324 A 20000717|
AN- <LOCAL> WO 2000US19324 A 20000717; EP 2000947402 A 20000717; WO 2000US19324 A 20000717|
AN- <PR> US 99354058 A 19990715|
FD- WO 200106367 A1 G06F-011/14
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
FD- EP 1204922 A1 G06F-011/14 Based on patent WO 200106367
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI|
LA- WO 200106367(E<PG> 34); EP 1204922(E)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> WO 200106367 A1|
AB- <NV> NOVELTY - Backup cells (100,150) having backup devices (112,122,132,162,172,182) execute the backup of data in the network computing devices (110,120,130,160,170,180). Managers (114,164) coupled to backup devices (112,162) control the backup of data in relative backup devices. Backup cells are coupled mutually and the managers of one backup cell controls the backup devices of other backup cells.|
AB- <BASIC> USE - In interconnected computer systems.
ADVANTAGE - Manager is responsible for managing parameters of archival characteristics of network devices to initiate archival request for those network computing devices. The manager operates the backup activities of back up cell and manages the operation of other backup cells to define a hierarchical structure so that alternative control of another backup cell is used when the backup manager of another backup cell has failed. Hence system wide change to backup cell parameters is initiated through a single manager and propagated to other backup cells.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram hierarchical network backup system.
Backup cells (100,150)
Backup manager components (114,164)
Backup devices (112,122,132,162,172,182)
Network computing devices (120,130,140,160,170,180)
pp; 34 DwgNo 1/5|
DE- <TITLE TERMS> HIERARCHY; NETWORK; SYSTEM; INTERCONNECT; COMPUTER; CELL; CONTROL; DATA; DEVICE; CELL|
DC- T01; U21|
IC- <MAIN> G06F-011/14|
MC- <EPI> T01-G03; T01-H01C4; U21-A06|
FS- EPI||

1/4/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- *Image available*

AA- 1995-124792/199517|

1311-Jun-0311:55 AM

Search Report from Ginger R. DeMille

XR- <XRPX> N95-098731|
 TI- Computer memory back-up method - copying segment or slice of memory during number of back-up sessions to complete full back-up of memory during last back-up session with sessions separated by predetermined period|
 PA- **COMMVAULT** SYSTEMS INC (COMM-N); AT & T CORP (AMTT); AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); KANFI A (KANF-I|
 AU- <INVENTORS> KANFI A|
 NC- 007|
 NP- 007|
 PN- EP 645709 A2 19950329 EP 94306746 A 19940914 199517 B|
 PN- JP 7152657 A 19950616 JP 94251626 A 19940921 199533
 PN- EP 645709 A3 19960228 EP 94306746 A 19940914 199622
 PN- US 5642496 A 19970624 US 93125943 A 19930923 199731
 PN- EP 645709 B1 19981209 EP 94306746 A 19940914 199902
 PN- DE 69415115 E 19990121 DE 615115 A 19940914 199909
 <AN> EP 94306746 A 19940914
 PN- ES 2127894 T3 19990501 EP 94306746 A 19940914 199924|
 AN- <LOCAL> EP 94306746 A 19940914; JP 94251626 A 19940921; EP 94306746 A 19940914; US 93125943 A 19930923; EP 94306746 A 19940914; DE 615115 A 19940914; EP 94306746 A 19940914; EP 94306746 A 19940914|
 AN- <PR> US 93125943 A 19930923|
 CT- No-SR.Pub; EP 541281; US 4686620; US 5241670|
 FD- EP 645709 A2 G06F-011/14
 <DS> (Regional): DE ES FR GB IT
 FD- JP 7152657 A G06F-012/16
 FD- US 5642496 A G06F-012/16
 FD- EP 645709 B1 G06F-011/14
 <DS> (Regional): DE ES FR GB IT
 FD- DE 69415115 E G06F-011/14 Based on patent EP 645709
 FD- ES 2127894 T3 G06F-011/14 Based on patent EP 645709
 FD- EP 645709 A3 G06F-011/14|
 LA- EP 645709(E<PG> 8); JP 7152657(6); US 5642496(8); EP 645709(E)|
 DS- <REGIONAL> DE; ES; FR; GB; IT|
 AB- <BASIC> EP 645709 A

The method of making a copy of the contents of a computers memory (30) for storage as a back-up file involves scheduling a predetermined number of individual copy sessions such that each of the copy sessions are spaced apart in time by a predetermined duration, and partitioning the memory into a number of segments based upon a predetermined partitioning value.

The contents of each of the segments are read during respective sessions, and the contents of each of the segments is stored after it has been read in a second memory.

USE - Making back-up copy of memory e.g database.

Dwg.1/4|

AB- <US> US 5642496 A

A method for making a backup copy in an archive memory of at least one computer memory comprised of a number of blocks of memory, comprising the steps of:

partitioning the computer memory into a plurality of segments, each of which constitutes a predetermined percentage of said computer memory;

making individual partial backup copies of the blocks in each of said segments during a respective one of a plurality of spaced intervals separated over periods of time; and

making incremental backup copies within each interval of all blocks other than the blocks for which a partial backup copy is made and whose addresses are in a predetermined address range that have changed since the last interval.

Dwg.3/4|

Search Report from Ginger R. DeMille

DE- <TITLE TERMS> COMPUTER; MEMORY; BACK-UP; METHOD; COPY; SEGMENT; SLICE;
MEMORY; NUMBER; BACK; UP; SESSION; COMPLETE; FULL; BACK; UP; MEMORY;
LAST; BACK; UP; SESSION; SESSION; SEPARATE; PREDETERMINED; PERIOD|
DC- T01|
IC- <MAIN> G06F-011/14; G06F-012/16|
IC- <ADDITIONAL> G06F-012/00|
MC- <EPI> T01-G03; T01-J05B2|
FS- EPI||

1/4/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1993-154222/199319|
XR- <XRPX> N93-117969|
TI- Incremental-computer-file back-up facility using signatures - includes
unit for dividing file into respective blocks and generating respective
signature for each block|
PA- AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); COMMVAULT SYSTEMS INC
(COMM-N); LUCENT TECHNOLOGIES INC (LUCE|
AU- <INVENTORS> KANFI A|
NC- 002|
NP- 004|
PN- EP 541281 A2 19930512 EP 92309778 A 19921026 199319 B|
PN- EP 541281 A3 19940202 EP 92309778 A 19921026 199518
PN- US 5559991 A 19960924 US 91787276 A 19911104 199644
<AN> US 94258352 A 19940609
<AN> US 95495242 A 19950627
PN- EP 541281 B1 19980429 EP 92309778 A 19921026 199821|
AN- <LOCAL> EP 92309778 A 19921026; EP 92309778 A 19921026; US 91787276 A
19911104; US 94258352 A 19940609; US 95495242 A 19950627; EP 92309778 A
19921026|
AN- <PR> US 91787276 A 19911104; US 94258352 A 19940609; US 95495242 A
19950627|
CT- No-SR.Pub; 2.Jnl.Ref; EP 405926|
FD- EP 541281 A2 G06F-011/08
<DS> (Regional): FR
FD- US 5559991 A G06F-012/16 Cont of application US 91787276
Cont of application US 94258352
FD- EP 541281 B1 G06F-011/08
<DS> (Regional): FR
FD- EP 541281 A3 G06F-011/08|
LA- EP 541281(E<PG> 17); US 5559991(17); EP 541281(E<PG> 18)|
DS- <REGIONAL> FR|
AB- <BASIC> EP 541281 A

The apparatus for storing a file in a memory comprises a unit for
dividing the file into respective blocks, and for each block generating
a respective signature indicative of the values forming the contents of
the associated block. A device stores in the memory blocks of the file
having respective signatures different from signatures generated for
corresponding blocks of a prior version of the file.

The storage device includes appts. for causing all of the blocks to
be stored in the memory if the prior signatures do not exist.

USE/ADVANTAGE - Storing computer file or memory partition in backup
memory. Highly efficient.

Dwg.1/11|

AB- <US> US 5559991 A

Apparatus for storing a file in an archive memory comprising
means for dividing said file into a plurality of blocks and for

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assigning respective block numbers to said blocks, each of said blocks containing a predetermined number of data bytes,

means for generating for each of said blocks of said file a current check word determined as a function of the current contents of the respective block of said file and for storing each said current check word in said archive memory, and

means for storing in said archive memory each of said current blocks of said file having a current check word different from a check word that was generated for a correspondingly numbered block of a prior version of said file stored in said archive memory, wherein different groups of stored blocks of said data bytes form respective versions of is said file, and wherein said apparatus further comprises

a global bit map comprising a plurality of bit locations corresponding to respective ones of said block numbers,

means, responsive to one of said blocks being unloaded from said memory, for setting in said bit map the bit whose location corresponds with the block number of said one block, and

means, operative prior to unloading another one of said stored blocks of a respective one of said groups, for preventing the unloading of said other one of said blocks if the corresponding bit in said bit map for said other one of said blocks had been set as a result of unloading a correspondingly numbered block of another one of said groups.

(Dwg.1/11)|

DE- <TITLE TERMS> INCREMENT; COMPUTER; FILE; BACK; UP; FACILITY; SIGNATURE;
UNIT; DIVIDE; FILE; RESPECTIVE; BLOCK; GENERATE; RESPECTIVE; SIGNATURE;
BLOCK|

DC- T01|

IC- <MAIN> G06F-011/08; G06F-012/16|

IC- <ADDITIONAL> G06F-011/14|

MC- <EPI> T01-G02A2C; T01-H01C4|

FS- EPI||

?

=> d his

(FILE 'HOME' ENTERED AT 14:57:06 ON 11 JUN 2003)

FILE 'CONFSCI' ENTERED AT 14:58:50 ON 11 JUN 2003

L1	0 S (BACKUP OR BACK(W)UP) (3W) (CELLS OR CONTAINERS OR CELLULES OR
L2	2 S S1(6N) (INTERCONTROL? OR INTER(W)CONTROL? OR INTRA(W)CONTROL?
L3	1 S (BACK?(W)UP OR BACKUP) (5N) (MANAGER? OR CONTROLL!R? OR MANAGEM